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OLDS' 1918 CATALOG

"Olds' Catalog Tells The Truth"

**31st
Season**

**Seeds for the
Farm and Garden
Seed Potatoes, Bulbs
Plants, Tools and
Poultry Supplies**

L.L. OLDS SEED COMPANY
MADISON, WIS.

L.L. OLDS SEED COMPANY



Some Samples of Olds' Seed Potatoes as Photographed in one of the Store Windows at the Olds Building. This was a part of our Exhibit at the Sixth Annual Meeting of the Wisconsin Potato Growers' Association held in Madison, November, 1917, at which time a Wonderful Exhibit was Shown of Certified Potatoes from 16 Wisconsin Counties.

Manager's Introductory Word.

Madison, Wis., Jan. 1, 1918.

Dear Friends and Customers:

The writer has now been engaged in the seed business for thirty years, beginning in 1888 with a small four-page catalog devoted exclusively to Seed Potatoes. In 1903 the business was incorporated with a capital stock of \$50,000. In 1908 we burned out at Clinton and moved to Madison. In 1913 we built the large steel and concrete seed house that we now occupy here in Madison. The capital stock was increased to \$100,000.

Our Business has Grown Wonderfully. Instead of one 200-acre farm, which supplied enough Seed Potatoes when the business first started, it now requires several hundred such farms and a good many thousand acres to furnish the seeds we sell. We now have customers in every state of the Union. I want to thank all our good customers for their patronage, especially the past season, which is our banner year thus far. **"Good Seeds Make Good Customers. Boy Have Made our Success."**

Our catalog is designed to appeal to users of seeds who appreciate having things represented in a plain, straightforward way. The slogan "Olds' Catalog tells the truth," is not a mere boast. The one great aim in preparing the catalog each year is to make sure that all the descriptions, statements and illustrations are true to fact. I would rather lose orders than exaggerate or misrepresent and I feel that the fact that we have been constantly adding to the list of customers who have confidence in us and our seeds is good evidence that this is the right policy.

The year 1918 will be a hard one for seedsmen. Seed crops the past season were short and some items were entire failures. Seeds that have always been grown in Europe cannot now be secured from there. Transportation service is bad. We are short of help as a number of our best men have been called to the war. However, we shall do our very best to help our customers who are doing their part in winning the war by growing bigger crops of grain and vegetables. We have worked hard to secure the best seeds possible and now intend to work harder than ever to live up to our ideals of service, promptness, just dealing and careful attention to details.

What Makes a Good Seed House? My opinion is that **Quality** should be given first consideration. What do you think about it? **Pure seeds, Vital Seeds, Trueness to Name and Type.** Are not these the things that are of the most importance? Next I would name **Service.** This includes such things as promptness, attention to details. **Honesty and Truthfulness** are of about as much importance as **Service.** Perhaps more.

Price is the last thing that should be considered. It has its bearing of course and everything is high enough this year, that is sure. But I appeal to you do not let price be the only consideration or the principal one. If you plant poor seeds you are lost. Everything nearly depends on the seed. Make sure that you get the best to be secured, the kind we offer, regardless of price.

Yours very truly,

L. L. Olds, President and General Manager,
L. L. OLDS SEED COMPANY.





Henry Schroeder



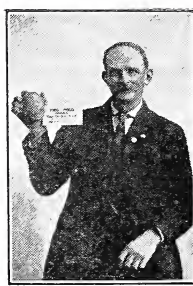
Arthur Oschner



R. H. Lang



Allen Fahland



F. S. Campbell

Our Staff of Seed Growing Experts

"Do you grow your own seeds," is a question we are often asked. We answer, yes, indirectly. They could not all grow at one place as no one locality is suited for producing all the different seeds required. Our Seed Corn, Grain and Potatoes, however, of which we make a specialty, are mostly grown right here in Wisconsin and there is no better state in the Union for these things. We place contracts with men who are specialists and have had experience with particular crops. We furnish the stock seed or satisfy ourselves that the seed used is what we want.

We present on this page the faces of a few of these expert men.

Henry Schroeder. King of the Red River Valley Potato Growers. Mr. Schroeder is a stockholder in our company and has grown Red River early potatoes for us for 22 years. He grows as high as 550 acres of potatoes a year, shipping to all sections. He is also President of two banks.

J. R. Anderson. Another large grower of Red River Valley potatoes. Mr. Anderson grows Early Six Weeks potatoes.

F. S. Campbell, Wisconsin's most famous grower of certified seed potatoes. Mr. Campbell's specialty is Rural New Yorker, but he grows also Green Mountain and Irish Cobbler. He has taken many prizes.

Oluf Cook. One of the enterprising pioneer potato farmers of Northern Wisconsin. Mr. Cook's farm is in Sawyer County. He grows Olds' White Mammoth certified stock and has had them for 10 or 12 years.

Karl T. Hazleberg. Grower of certified Green Mountain potatoes, Barron County, Wisconsin. Barron County took second place at the last Wisconsin Potato Growers' meeting.

Allen Fahland. An enthusiastic young potato specialist, of Polk County, Wisconsin. Mr. Fahland has been working on Carman No. 3 for nine years and has greatly improved this variety. Has grown 400 bushels per acre.

Arthur Oschner. Corn specialist and member of the Wisconsin Experiment Association. Mr. Oschner grows Golden Glow and has a fine strain.

H. C. Brueckner. Our most famous corn expert and grower of the finest seed corn produced in Wisconsin. Mr. Brueckner grows nothing but Murdock Yellow Dent and for the last 8 years we have handled all he could raise. Mr. Brueckner has taken a great many premiums. He is a member of the Wisconsin Experiment Association and lives in Jefferson County.

R. H. Lang. A young scientific farmer, also of Jefferson County and also a member of the Experiment Association. Mr. Lang grows Golden Glow.

John Wagner. One of the big farmers of Dane County. In fact he owns several farms and is chairman of supervisors in his town. Mr. Wagner's specialty is Pedigree Barley but he also grows Seed Oats. He is one of our stockholders and has been growing for us for 9 years.

A. V. Bronner. Another prominent grain farmer, neighbor of Mr. Wagner's. Mr. Bronner also is a stockholder with us and has grown thousands of bushels for us of different varieties of oats, wheat and barley.

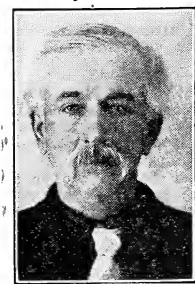
H. E. Krueger. Probably the best known grower of pedigree grains in the United States. He has taken many prizes at National and International Shows on Pedigree Barley, Improved Kherson Oats, Blue Ribbon and World's Champion Wheat and other grains. Mr. Krueger has been twice a member of the Wisconsin Legislature. He is one of our stockholders.

John Blaska. Another prominent Dane County grain farmer of long experience. Mr. Blaska grows Oats for us, also Pedigree Barley.

J. M. Blaska. Son of the preceding. A thresherman and grower of clean grain. Mr. Blaska has grown Pedigree Barley for us since 1909.

E. O. Gmeinder. Large Dane County farmer. Mr. Gmeinder's specialty is oats. He grows Pedigree No 1 and Gold Mine for us. Also barley.

J. C. Parkin. Expert grower of Grimm Alfalfa of South Dakota. Mr. Parkin secured 8½ bushels of Grimm seed per acre from 30 acres.



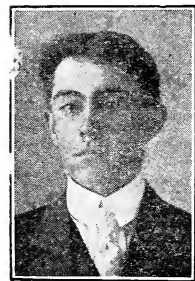
J. C. Parkin.



Karl T. Hazleberg



R. O. Gmeinder



J. M. Blaska.



John Blaska



H. E. Krueger



A. V. Bronner



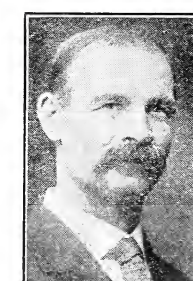
J. R. Anderson



H. C. Brueckner



Oluf Cook



John Wagner

PLEASE USE ORDER SHEET found in catalog in making out your order if convenient and retain a copy. If you have occasion later on to write us about the order give post-office address from which it was mailed. Orders are filed alphabetically by post offices, so if you give a different post-office address it is difficult for us to find the order.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Milwaukee and St. Paul and Illinois Central.

NO CHARGE FOR PACKING OR PACKAGES. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office, without extra charge for packages except for a few items like clover seed, where bags are extra as noted in the catalog. All express rates have been reduced since the Parcel Post law went into effect.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will also accept personal checks at face value. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

To have the best of everything; to send out a neat, attractive catalog with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

Some new customers may hesitate to send us money as they may never have heard of us. We should be pleased to have such inquire as to our responsibility of Bradstreet's or Dun's Commercial Agencies in all large cities, of The First National Bank or any business firm of Madison, or of any of the leading agricultural papers.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots. Rates Subject to change.

(Potatoes, Garden Seeds, Clovers and Grass Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)

3rd.		4th.		3rd.		4th.		3rd.		4th.	
Ashland, Wis.	\$0.41	\$0.25.7	Decatur, Ill.	\$0.28.5	\$0.22.8	Jamestown, N. D.	\$0.97	\$0.68	Fort Worth, Texas.	\$1.16	\$1.06
Baraboo, Wis.	14.4	10.8	Elgin, Ill.	25.5	17.5	Williston, N. D.	1.36	.99	Houston, Texas.	1.16	1.06
Beaver Dam, Wis.	18.6	14	Freeport, Ill.	20.9	15.8	Battle, Neb.	.53	.41	San Antonio, Texas.	1.16	1.06
Beloit, Wis.	15.6	11.7	Galesburg, Ill.	28.2	22.6	Fairbury, Neb.	.70	.53	Denver, Colo.	1.10	.85
Chippewa Falls, Wis.	30.5	22.9	Jacksonville, Ill.	30.2	24	Freumont, Neb.	.49	.36	Cheyenne, Wyo.	1.10	.85
De Soto, Wis.	15.6	11.7	Jefferson, Ill.	21.5	17.5	Jefferson, Neb.	.63	.49	Billings, Mont.	1.10	.85
Evansville, Wis.	12.6	09.5	La Salle, Ill.	18.4	13.8	Lincoln, Neb.	.49	.36	Helena, Mont.	.85	1.49
Fond du Lac, Wis.	20.4	15.3	Peoria, Ill.	27.8	22.1	Omaha, Neb.	.45	.32	Miles City, Mont.	1.55	1.18
Grand Rapids, Wis.	24.4	18.3	Quincy, Ill.	32.6	25.9	Hannibal, Mo.	32.6	.25	Seattle, Wash.	2.45	2.07
Green Bay, Wis.	27.2	20.4	Rockford, Ill.	20.5	15	Kansas City, Mo.	.45	.32	Spokane, Wash.	2.09	1.75
Janesville, Wis.	14.4	10.8	Rock Island, Ill.	24.3	19.6	Saint Joseph, Mo.	.45	.32	Portland, Ore.	2.45	2.07
La Crosse, Wis.	24.4	18.7	Springfield, Ill.	29.2	23.2	Saint Louis, Mo.	33.1	26.3	Ogden, Utah.	1.85	1.49
Lake Mills, Wis.	15.6	11.7	Waukegan, Ill.	24.5	19.6	St. George, Utah	.47	.36	Salt Lake City, Utah	1.85	1.49
Lake Mills, Wis.	13.2	09.9	Burlington, Ia.	30.2	23	Elkhart, Ind.	.45.3	.34.8	Los Angeles, Cal.	2.45	2.07
Lodi, Wis.	12	09	Cedar Rapids, Ia.	31	23	Fort Wayne, Ind.	.48.3	37.3	San Francisco, Cal.	2.45	2.07
Lone Rock, Wis.	15	11.3	Clinton, Ia.	24.3	19.6	Indianapolis, Ind.	41.3	.39	New Orleans, La.	.79	.61
Mauston, Wis.	18.6	14	Davenport, Ia.	24.3	19.6	South Bend, Ind.	.43.8	33.8	Phoenix, Ariz.	2.09	1.75
Mazomanie, Wis.	12.6	09	Des Moines, Ia.	36	27	Terre Haute, Ind.	.50.3	38.8	Boise, Idaho	2.09	1.75
Middleton, Wis.	09.3	07.8	Dubuque, Ia.	20	15	Dubuque, Ind.	.41.3	.39	Boise, Idaho	2.09	1.75
Monroe, Wis.	14.8	10.9	Fort Dodge, Ia.	27.9	29	Cleveland, Ohio	.62	.45	Santa Fe, N. M.	1.80	1.52
Monroe, Wis.	18	13	Marshalltown, Ia.	35	26	Columbus, Ohio	.56.8	43.3	Albany, N. Y.	.73	.51
Mout Horeb, Wis.	12.6	09.5	Ottumwa, Ia.	33	25	Dayton, Ohio	.54.8	41.8	Buffalo, N. Y.	.62.8	48.8
Platteville, Wis.	20.4	15.3	Shenandoah, Ia.	.45	.32	Toledo, Ohio	.53.8	41.1	New York, N. Y.	.75	.52.5
Plymouth, Wis.	23.9	18	Sioux City, Ia.	.45	.32	Youngstown, Ohio.	.60.3	46.3	Rochester, N. Y.	.60.5	42.5
Portage, Wis.	14.4	10.8	Waterloo, Ia.	.34	.25	Calumet, Mich.	.39	.31	Syracuse, N. Y.	.62	43.5
Reedsburg, Wis.	16.2	12	Waukegan, Ill.	24.5	19.6	Calumet, Mich.	.39	.31	Syracuse, N. Y.	.62	43.5
Reedsburg, Wis.	16.2	12	Faribault, Minn.	.40	.25	Grand Rapids, Mich.	.52.8	40.3	Harrisburg, Pa.	.72	.49
Sheboygan, Wis.	24.9	18.7	Mankato, Minn.	.43	.27	Kalamazoo, Mich.	.48.3	37.3	Philadelphia, Pa.	.73	.50
Sparta, Wis.	25.9	16.9	Red Wing, Minn.	.40	.25	Lansing, Mich.	.54.8	41.8	Pittsburg, Pa.	.63.8	47.8
Stevens Point, Wis.	25.9	19.5	Saint Cloud, Minn.	.55.8	36.9	Port Huron, Mich.	.59.3	45.3	Seranton, Pa.	.73	.50.5
Stoughton, Wis.	10.7	08	Saint Paul, Minn.	.40	.25	Saginaw, Mich.	.57.3	43.8	Hartford, Conn.	.80	56.5
Sun Prairie, Wis.	10.7	08	Stoughton, Minn.	.55	32.5	Norwalk, Mich.	.40	.25	Wilmington, Del.	.73	.50
Superior, Wis.	14.4	10.8	Winona, Minn.	.33	.24	Atchinson, Mo.	.45	.31	Bangor, Me.	.80	56.5
Watertown, Wis.	17.4	13.1	Aberdeen, S. D.	.67	.50	Lawrence, Kans.	.55	.41	Concord, N. H.	.80	56.5
Waukesha, Wis.	17.4	13.1	Mitchell, S. D.	.67	.47	Topeka, Kans.	.59	.43	Trenton, N. J.	.75	52.5
Wausau, Wis.	28.6	21.5	Pierre, S. D.	.80	.60	Wichita, Kans.	.86	.65	Burlington, Vt.	.80	56.5
Aurora, Ill.	25.5	17.5	Sioux Falls, S. D.	.47	33.5	Fort Smith, Ark.	.87	.69	Boston, Mass.	.80	56.5
Bloomington, Ill.	26.8	20.8	Yankton, S. D.	.65.47		Little Rock, Ark.	.77	.59	Baltimore, Md.	.72	49.5
Chicago, Ill.	26.8	20.8	Sioux Falls, S. D.	1.07	.75	Bismarck, N. D.	.64	.48	Richmond, Va.	.64	48.8
Chicago, Ill.	26.3	16.8	Fargo, N. D.	.78.5	54.5	Oklahoma City, Okla	1.07	.87	Wheeling, W. Va.	.62.8	48.8
Danville, Ill.	21.8	20.8	Grand Forks, N. D.	.83	.58	Dallas, Texas.	1.16	1.06	Memphis, Tenn.	.80.5	60.8

Parcel Post Rates apply to seeds, potatoes, bulbs, plants and merchandise of all kinds except poisons, which cannot be sent by mail. If ordered at freight or express prices add at the following rates if to go by mail:

1st and 2nd Zones (up to 150 miles from Madison) 5c for the first pound, 1c for each additional pound.

3d Zone (151 to 300 miles from Madison) 6c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 7c for the first pound, 4c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 9c for the first pound 8c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 11c for the first pound, 10c for each additional pound.

8th Zone (over 1,800 miles from Madison) 12c for each pound.

Packages must not exceed 50 pounds in weight for the first two zones, and 20 pounds for all other zones.

SEED POTATO DEPARTMENT



There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are grown on contract specially for seed and from select stock.

Olds' Seed Potatoes have had a national reputation for years, but really the stock that we have to offer this year is better than usual. Most of our Wisconsin grown potatoes are "Certified Stock." That means that they have been inspected both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filled from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from varietal mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.

2. Freedom from black wart and powdery scab, or from serious infection with any other disease."

Our Seed Potatoes are Government Graded. We have decided to adopt the rules for grading established this last fall by the U. S. Dept. of Agriculture and the U. S. Food Administration. All the potatoes we offer unless otherwise stated conform to the rules of **U. S. Grade No. 1.** These are described as follows:

"This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot, and damage caused by disease, insects, or mechanical means. The minimum diameter of potatoes shall be one and seven-eighths (1 $\frac{7}{8}$) inches."

Our Second Size Potatoes are just like the first size in every particular except as to size and conform to the specifications for **U. S. Grade No. 2,** as follows:

"This grade shall consist of potatoes of similar varietal characteristics, which are practically free from frost injury and decay, and which are free from serious damage caused by dirt or other foreign matter, sunburn, second growth, cuts, scab, blight, dry rot, or other disease, insects, or mechanical means. The minimum diameter shall be one and one-half (1 $\frac{1}{2}$) inches."

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels. Later in the season, we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

Our barrels hold exactly 172 pounds each net weight, the Wisconsin barrel. We understand a federal law recently passed makes a barrel of produce somewhat different. Our barrel however is just 172 pounds as stated.

WOODBURY WHITE ROSE.



A splendid new early potato, which we offer this year for the first time. It is just what is wanted by market gardeners who are looking for an attractive early that yields and is of fine quality.

Woodbury White Rose is a seedling of Early Rose but is superior to that old standard variety. It is a little earlier and yields better, as well as holding its type better. The single tuber we show in the picture is a typical specimen. The shape is oblong, just like the shape of the Early Rose in its best days; skin and flesh both pure white; skin slightly netted, eyes shallow, so that there is little waste in paring; of splendid quality and of beautiful appearance.

Our stock of Woodbury White Rose is from the Northern Peninsula of Michigan. Mr. Olds personally inspected the field of this variety while growing in August last. He found there a beautiful sight. The field at that time was in full bloom. It looked like a field of cotton. The stand was practically perfect, the growth large and strong and very even. He found that Mr. Geo. Nicholson, an old experienced potato grower, who grew our stock for us, had been working with this variety several years, and had been breeding it up and improving it. Mr. Nicholson himself had just carefully rogued his field and staked the mixtures. He found just 5 purple blossoms in a field of 5 acres.

Mr. Nicholson and his neighbor, Mr. Miller, who was also growing White Rose, both declared this the best early variety they had ever tried. They said it always outyielded Early Ohio and other earlies and was fine in appearance.

We are glad indeed to be able to offer this fine new white skinned early potato to our customers, something different in type from the other earlies we have. Our stock as grown by Mr. Nicholson is smooth pure stock, free from disease, and coming from the extreme north will be vigorous and healthy in its growth. We know the stock will please and we want all our potato customers to try it.

PRICES OF WOODBURY WHITE ROSE.

By mail: Lb., 20c; 3 lbs., 50c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 40c; pk., 75c; bu. (60 lbs.), \$2.60; 100 lbs., \$4.25; bbl. (172 lbs.), \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 10 bus. (in sacks) at \$2.40.


OLDS' 1919 INTRODUCTION.

We have a strictly new potato that we intend to introduce in 1919. It is a white-skinned medium late variety that yielded in our field trials here near Madison the past season 295 bushels per acre. We will not say anything more about this potato now but we intend to introduce it next year and we want a lot of our customers to try it out the coming season and report on it.

We will sell just one good fair-sized tuber (about 6 ounces) to each customer this year for 25 cents, postpaid. Add the 25 cents to your order if you want to make a trial of this new potato and will agree to report on it next fall.

OLDS' IMPROVED RED RIVER EARLY OHIO.

The well-known dependable all-around early variety.

 Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. It is even very common to find Ohios all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

Part of the Red River Ohios we offer were grown by Mr. Henry Schroeder personally, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it. We charge more for it because it is worth more and because it costs us more.

PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS.

First Size: Bu., 2.30; bbl. (172 lbs.), \$6.25; 5 bbls at \$6.10; 10 bbls. at \$6.00.

Second Size: Bu., \$2.10; bbl., \$5.75; 5 bbls. at \$5.60; 10 bbls. at \$5.50.

Schroeder Stock: Bu., \$2.50; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50. (See page 9 for complete potato price list and preceding page for description of second size.)

OLDS' IMPROVED IRISH COBBLER.

Next to Early Ohio Irish Cobbler is the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties. On our trial grounds Irish Cobbler yielded a third more than Early Ohio, White Ohio or Triumph, although it proved to be a little later than any of those varieties. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect. This variety will please anyone who wants a few earlies for home use, as well as the large grower and the market gardener.

We have both Red River and Wisconsin grown stock to offer.

Our Wisconsin Irish Cobblers are all certified. The Grumann stock is from Forest County where the soil is a silt loam. The Campbell stock, an extra fine strain from hill selected seed, was grown in Oneida County, where the soil is somewhat sandy. Mr. Campbell has taken prizes on his Irish Cobblers as follows:

First at Wisconsin State Fair, 1914, 1916 and 1917.

First at Wisconsin State Potato Show, 1914, 1915 and 1916.

First at National Potato Show, 1915.

First at Oneida County Fair, 1915 and 1916.

First at Oneida County Potato Show, 1915 and 1916.

See page 6 for further prizes taken by Mr. Campbell and explanation of his methods.



PRICES OF OLDS' IMPROVED IRISH COBBLERS.

Red River Grown: Pk., 70c; bu., \$2.40; bbl. (172 lbs.), \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25.

Red River Grown, Schroeder Stock: Pk., 75c; bu., \$2.60; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.

Wisconsin Grown, Grumann Stock: Pk., 70c; bu., \$2.40; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25.

Wisconsin Grown, Campbell Stock: Pk., 80c; bu., \$2.70; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00.

Wisconsin Grown, Campbell Stock, Seconds: Bu., \$2.40; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25.

OLDS' RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlys. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color. It makes an extremely quick growth and yields as much as Early Ohio or more.

Our Six Weeks this year are all Red River grown and fully equal we think to the nice stock we usually have from there. They are perfectly pure and straight, smooth and uniform in size and shape and far ahead of ordinary seed. Order early. Stock limited.

Prices: $\frac{1}{2}$ pk., 40c; bu., \$2.40; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25.

Second Size: Bu., \$2.20; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75. (Our Seconds are very fine.)

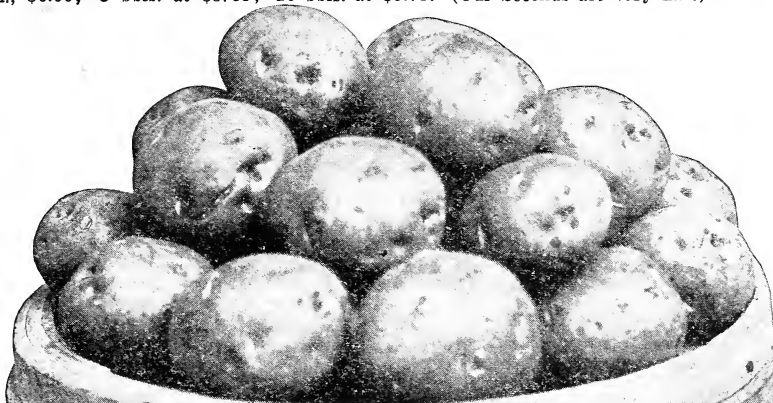


RED RIVER TRIUMPH.

Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Red River grown Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. Order early as crop was short the past season and our stock is not large.

Prices: Pk., 75c; bu., \$2.50; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50.

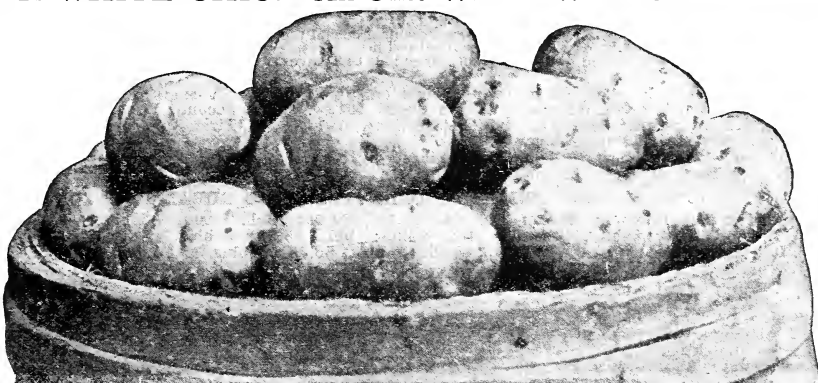


RED RIVER WHITE OHIO. An Ohio With A White Skin



White Early Ohio is identical in every way with Red Early Ohio except in color, which is a fine white, or nearly so. The great demand in every market now is for a white potato, and even the good old Ohio, the standard for extra early, often has to take a back seat because of the color of its skin. Here we have a genuine Early Ohio with the quick, compact growth of that well-known variety, and withal a white skin. It is just as good in quality and just as early as the Red Ohio.

All our White Ohios this year were grown by Henry Schroeder and can be fully relied upon.



Prices: Bu., \$2.60; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.

Note—Potato prices are subject to change after Feb. 1st. Ask for our "Weekly Price List" after that date. Prices of small quantities are given on page 9.

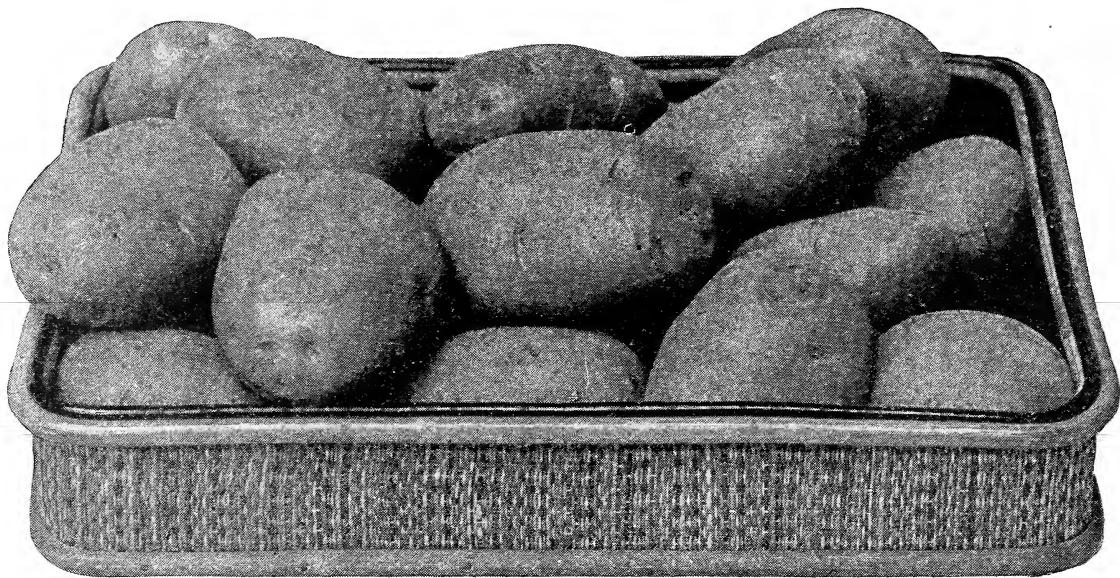
Henry Schroeder, the acknowledged king of the seed potato growers of the Red River Valley, has grown most of our Red River stock for us every year for over twenty years. Mr. Schroeder settled in the Valley, a poor immigrant boy, way back in 1878. He began at once growing a few acres of potatoes each year along with his wheat, oats and barley. He found the potato growing so profitable that he kept increasing until now he grows as high as 550 acres a year.

Mr. Schroeder says that most of his potatoes are sold each year for seed stock. Hundreds of cars are shipped to the Southwest for early planting there. Mr. Schroeder grows mostly Red River Early Ohios, of which he has an improved strain that he has been breeding up for years. He also grows Irish Cobbler, Triumph and White Ohios. All our Red River White Ohios for many years have been grown by Mr. Schroeder and most of our Early Ohios, Cobblers and Triumphs.

Mr. Schroeder has built up his splendid reputation by absolute square dealing and by the most careful attention all the time to the growing and handling of the potatoes he furnishes. We have learned that we can absolutely rely on the stock if it comes from Mr. Schroeder. He has been wonderfully successful, and is now the owner of thousands of acres of the best Red River land.



Henry Schroeder, Potato King of the Red River Valley.



"Campbell Stock" of Rural New Yorkers as Selected by Mr. Campbell from his 1917 Crop.

OLDS' IMPROVED RURAL NEW YORKER.



Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. All our stock is certified and is from the northern counties of Wisconsin. Our Ellison Bay Company stock was pronounced by the state inspector very fine indeed perhaps the best stock grown in the state the past season. This stock is from the northern end of Door County between the Lakes, where early frosts never bother. The Ellison Bay Company is made up of professors of the Wisconsin College of Agriculture here at Madison. They have a very fine potato farm.

Our Campbell stock of Rurals was grown by F. S. Campbell probably Wisconsin's most famous grower of certified seed potatoes. Mr. Campbell is recognized as Oneida County's most progressive potato grower and Oneida has carried off first place four times in succession at the State Potato Show. Mr. Campbell writes:

"In breeding up potatoes we go on the same supposition the live stock breeder does: 'Like produces like.' First the breed and then the feed and you may expect correct results, at least nine times out of ten. But do not buy good seed, plant and give but slight or no further care and then blame the seedman. A whole lot depends on 'the man behind the guns.' For best results plant on clover or alfalfa sod on a soil well filled with humus and evenly balanced in all the elements of fertility. Be sure you have plenty of humus to conserve moisture. We have always gotten best results from hill selected seed, taking only those hills that have six or more 3 to 10 ounce potatoes, true to type and not more than one or two small ones."

Mr. Campbell has won the following prizes on his Rural New Yorkers:

First & Sweepstakes Wisconsin Potato Show, 1914.

First, Five Bushel Lots, Wisconsin Potato Show, 1914.

First, Wisconsin Potato Show, 1915.

Second, Wisconsin State Fair, 1917.

First, Oneida County Fair, 1912, 1914, 1915, 1917.

Seven Silver Cups in Five Years.

If you want the best that can be produced by careful painstaking breeding work order some of this Campbell stock. We have the exclusive sale of it.

PRICES OF OLDS' IMPROVED RURAL NEW YORKERS.

Ellison Bay Company Stock: Pk., 65c; bu., \$2.20; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.

Ellison Bay Company, Seconds: Bu., \$2.05; bbl., \$5.50; 5 bbls. at \$5.35; 10 bbls. at \$5.25.

Campbell Stock: Pk., 75c; bu., \$2.50; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50.

OLDS' SCOTCH RURAL, An Improved Rural New Yorker



A "new blood," heavy yielding, white-skinned, late potato of the Rural type introduced by us in 1911. It is just as smooth as Rural New Yorker, looks like it, but grows twice as large vines, and yields twice as many bushels per acre. It does this practically every time. On our trial grounds Scotch Rural has invariably made a larger growth of vines than any other variety. It is later in maturing however and on that account we do not recommend it for the extreme north. It is the potato for this latitude and further south.

Prices: Pk., 70c; bu., \$2.40; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25.

Second Size: Bu., \$2.20;



bbl. \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.



Some of Mr. Campbell's Green Mountains as Grown by Him the Past Season.

OLDS' IMPROVED GREEN MOUNTAIN.



Green Mountain is fast becoming the most popular variety in the potato counties of Northern Wisconsin. It is somewhat earlier than Rural New Yorker and does specially well on sandy soils. On clay soils it sometimes grows rough. In some sections of Northern Wisconsin they even call Green Mountain an early variety. We would call it about medium in season.

Green Mountain is a strong, vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. As a yielder Green Mountain is near the top and on light soils and sandy soils is usually ahead of Rurals in yield.

All our Green Mountains are certified. That means freedom from mixtures, trueness to type and freedom from disease. See page 3 regarding this. We have three stocks. Our Jewell stock and Campbell stock were grown in Oneida County, our Hazelberg stock in Barron County, Northwestern Wisconsin, all from new lands and all fine. The Campbell stock is a special strain, selected and developed with Mr. Campbell's usual care. See what we say about Mr. Campbell's work on the preceding page.

PRICES OF OLDS' IMPROVED GREEN MOUNTAIN.

Jewell and Hazelberg Stock: Pk., 65c; bu., \$2.20; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.

Jewell and Hazelberg Seconds: Pk., 60c; bu., \$2.05; bbl., \$5.50; 5 bbls. at \$5.35; 10 bbls. at \$5.25.

Campbell Stock: Pk., 75c; bu., \$2.50; bbl., \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50.

CARMAN NO. 1

A big yielding, main crop, white skinned potato that was first introduced back in 1894. Carman No. 3 came the following year. Both varieties originated with the late E. S. Carman, editor of the Rural New Yorker.

Carman No. 1 belongs to the Green Mountain family. It looks like Green Mountain, and grows like it. Our stock, which is very fine, was grown by Mr. Gunner Mossback, a careful grower of Sawyer County. It is certified stock but was certified as Green Mountain, Carman No. 1 not being recognized by the Wisconsin Potato Growers' Association. We consider it in some ways a better variety than Green Mountain. It usually yields more.

Prices: Pk., 65c; bu., \$2.20; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.



F. S. Campbell,
Wisconsin's Most
Progressive Potato
Grower.

Note—All the Seconds we offer this year are very fine. They are seconds as to size only. They are just as pure and true to type and just as free from disease as the first size and very uniform in size, running from 1½ to 1¾ inches in diameter, or nearly the size of a hen's egg. See what we say about grading on page 3. Our seconds are in our opinion just about as good seed as the first size, and some will prefer them. They will go further in planting.

Lou Elkins, Kokomo, Ind., writes March 29, 1917: "The barrel of seed potatoes received Tuesday. They certainly are fine and in good condition. We surely will have success with such seed as they are."

G. A. Peterson, Avon, Ill., writes March 27, 1917: "I wish to thank you for the barrel of Carman Potatoes I bought of you last year. I planted them the latter part of May on 38 square rods of ground. Dug 65 bushels in the fall, but 10 bushels of small ones. Who can beat it in Illinois last year?"



Karl T. Hazelberg and Two Boys in His Field of Green Mountains,

OLDS' WHITE MAMMOTH.

INTRODUCED BY US IN 1915. YIELD RECORD 440 BUSHELS PER ACRE.



History. Olds' White Mammoth originated with one of our Ohio customers, Mr. W. W. Whiton. It started from a seed ball from the old Peachblow. The Ohio Experiment Station tested it and reported a yield of 335 bushels per acre, the highest on the list of varieties that year and 52 bushels ahead of Carman No. 3. When we first tried this variety ourselves we found it one of the best in our trial grounds out of 68 varieties.

Mr. Oluf Cook of Sawyer County, Northern Wisconsin, grower of most of our Olds' White Mammoth, secured a yield with this variety in 1914 of 440 bushels per acre. He wrote us Oct. 17, 1914: "I have dug my White Mammoth potatoes and had a big yield. On some of the best land I had 440 bushels per acre."

Description. Olds' White Mammoth is a medium large, pure white potato with a thickly netted skin. The tubers are oblong in form with smooth outline and are very attractive in appearance. For quality it is in the front rank, always cooking up dry and mealy. It has the same shape and general appearance as Green Mountain and grows very much like that well known variety, with large bushy vines, light green leaves and white blossoms. It is ahead of Green Mountain for quality and is smoother, and when it comes to productiveness it, outyields everything.

Mr. Cook says: "In regard to White Mammoth Potatoes I cannot recommend them too much for general cultivation. I have raised them for several years and always had a better crop than anybody that grew other varieties. They are fine eating too. I took first prize at our County Exhibit this year. Where our land was not too low they yielded more than 300 bushels per acre."

Value. We consider White Mammoth a decided addition to the fine list of main crop varieties that we already have. We congratulate ourselves on being able to offer it to our customers. Our Cook stock this year is all certified. They call our White Mammoth Green Mountain as it is of Green Mountain type and they recognize only standard varieties. But it is better than Green Mountain in both quality and yield.

PRICES OF OLDS' WHITE MAMMOTH.

Cook Stock: ½ pk., 40c; pk., 75c; bu., \$2.50; bbl. \$6.75; 5 bbls. at \$6.60; 10 bbls. at \$6.50.

French Stock: Bu., \$2.30; bbl., \$6.25; 5 bbls. at \$6.10; 10 bbls. at \$6.00.

(Mr. French is a neighbor of Mr. Cook's in Sawyer County and secured his seed from him. The stock is practically the same only not certified.)

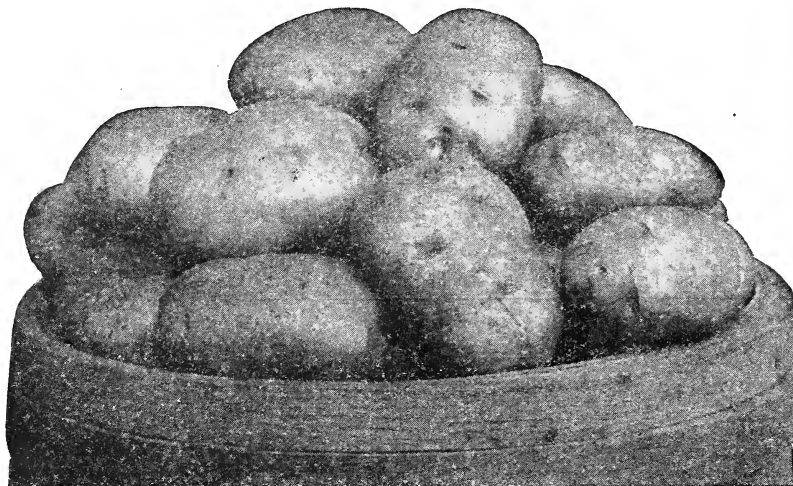


Oluf Cook and his White Mammoth Potatoes.
Photographed August 15, 1917.

SNOWFLAKE JUNIOR.

Snowflake Jr. grows and yields like Rural and at the same time has something of the flaky whiteness and superb quality of the old Snowflake. We like it because it is a great producer and because the potatoes cook up so well.

Prices: Pk., 65c; bu., \$2.20; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.



OLDS' IMPROVED CARMAN NO. 3

YIELD RECORD, 400 BUSHELS PER ACRE.

This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight, or bugs.

Our Carman No. 3, this year were all grown by Allen Fahland, in Polk County, Northwestern Wisconsin, from hill selected seed. This stock is very fine indeed. Note what Mr. Fahland says about his Carman No. 3 on this page.

Prices: Pk., 70c; bu., \$2.30; bbl., \$6.25; 5 bbls. at \$6.10; 10 bbls. at \$6.00.
Seconds: Bu., \$2.10; bbl., \$5.75; 5 bbls. at \$5.60; 10 bbls. at \$5.50.



Allen Fahland, Grower of our Carman No. 3.

Mr. Fahland says: "Seven years ago I first planted some of your Carman No. 3 potatoes. They have been my main crop since and I consider them the best main crop potato one can raise because they are practically free from blight and bugs and small potatoes and are a very heavy cropper of good potatoes. They have averaged me 300 bushels per acre. One year they went 400 bushels per acre."

"Prof. J. G. Milward said my potato field was one of the nicest he had seen."

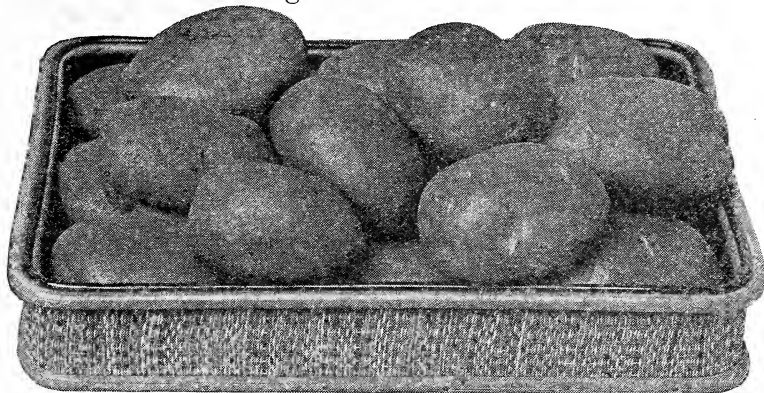
SIR WALTER RALEIGH. King of the Rural Varieties.



Sir Walter Raleigh was first introduced in 1897. It is as good today as ever and better. Selection has improved it. It is generally spoken of as "Mr. Carman's Best," and we feel like calling it "Old's Best." With our growers it has made the very best continuous record of all our varieties for yield, size, smoothness and handsome appearance.

Our stock of Sir Walter Raleigh this year is from the new lands of Northern Michigan, and was grown by Mr. Geo. Nicholson who grew our Woodbury White Rose. See what we say about Mr. Nicholson's methods and experience on page three. His Sir Walter Raleighs when inspected last summer by our Mr. Olds looked just as fine as the White Rose. It was a pure, clean, uniform field with a splendid even stand and large growth, the vines well covered with purple blossoms. Sir Walter Raleigh is Mr. Nicholson's leader. Two years ago they yielded 325 bushels per acre for him. The stock we have this year is beautiful stock, just like what we had last year, which came from the same place. It is not certified but is eligible to certification and would have been certified if grown in Wisconsin.

Prices: Pk., 70c; bu., \$2.30; bbl., \$6.25; 5 bbls., at \$6.10; 10 bbls. at \$6.00.



A Basket of our Northern Michigan Sir Walter Raleighs as Selected by Mr. Nicholson.

COMPLETE POTATO PRICE LIST

	Half Peck	Peck (15 lbs.)	Bu. (60 lbs.)	100 lbs. (In sack)	Bbl. (172 lbs.)	5 bbls. Per bbl.	10 bbls. Per bbl.	10 bus. Per bu.
Woodbury White Rose	\$0.40	\$0.75	\$2.60	\$4.25	\$7.00	\$6.85	\$6.75	\$2.40
Red River Early Ohio	.40	.70	2.30	3.75	6.25	6.10	6.00	2.10
Red River Early Ohio, Seconds	.35	.65	2.10	3.40	5.75	5.60	5.50	1.90
Red River Early Ohio, Schroeder Stock	.40	.75	2.50	4.05	6.75	6.60	6.50	2.30
Red River Irish Cobbler	.40	.70	2.40	3.90	6.50	6.35	6.25	2.20
Red River Irish Cobbler, Schroeder Stock	.40	.75	2.60	4.25	7.00	6.85	6.75	2.40
Wisconsin Irish Cobbler, Grumann Stock	.40	.70	2.40	3.90	6.50	6.35	6.25	2.20
Wisconsin Irish Cobbler, Campbell Stock	.45	.80	2.70	4.40	7.25	7.10	7.00	2.50
Wisconsin Irish Cobbler, Campbell Seconds	.40	.70	2.40	3.90	6.50	6.35	6.25	2.20
Red River Six Weeks	.40	.70	2.40	3.90	6.50	6.35	6.25	2.20
Red River Six Weeks, Seconds	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Red River Triumph	.40	.75	2.50	4.05	6.75	6.60	6.50	2.30
Red River White Ohio, Schroeder Stock	.40	.75	2.60	4.25	7.00	6.85	6.75	2.40
Rural New Yorker, Ellison Bay Stock	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Rural New Yorker, Ellison Bay Seconds	.35	.60	2.05	3.30	5.50	5.35	5.25	1.85
Rural New Yorker, Campbell Stock	.40	.75	2.50	4.05	6.75	6.60	6.50	2.30
Olds' Scotch Rural	.40	.70	2.40	3.90	6.50	6.35	6.25	2.20
Olds' Scotch Rural, Seconds	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Green Mountain, Jewell & Hazleburg	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Green Mountain, Jewell Seconds	.35	.60	2.05	3.30	5.50	5.35	5.25	1.85
Green Mountain, Campbell Stock	.40	.75	2.50	4.05	6.75	6.60	6.50	2.30
Carman No. 1	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Olds' White Mammoth, Cook Stock	.40	.75	2.50	4.05	6.75	6.60	6.50	2.30
Olds' White Mammoth, French Stock	.40	.70	2.30	3.75	6.25	6.10	6.00	2.10
Snowflake Junior	.35	.65	2.20	3.55	6.00	5.85	5.75	2.00
Carman No. 3	.40	.70	2.30	3.75	6.25	6.10	6.00	2.10
Carman No. 3, Seconds	.35	.65	2.10	3.40	5.75	5.60	5.50	1.90
Sir Walter Raleigh	.40	.70	2.30	3.75	6.25	6.10	6.00	2.10

POUND PRICES. All Varieties. By mail: One pound (about 3 good tubers) 20c; 3 lbs., 50c; postpaid. By freight or express: Lb., 15c. Not less than one pound of a variety sold.

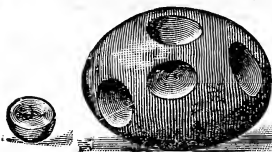
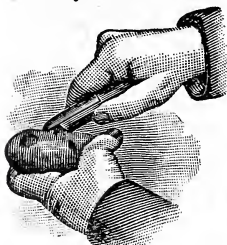
Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 15 cents; 3 varieties, at barrel rates, plus 25 cents.

Prices Subject to Change. The potato prices given in this catalog are good until February first only. Ask for "Weekly Price List" for prices after that date.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each of any varieties on our list, carefully packed in damp moss in paraffin lined boxes. We guarantee safe arrival in good condition.

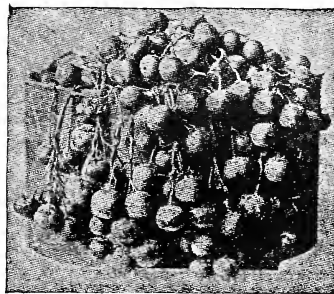
We have been sending out potato eyes in this way now for several years and we know they give satisfaction. This plan is specially fine for customers living at a great distance, where



freight would be high. Orders will be filled at the right time for planting.

PRICES OF POTATO EYES. ALL VARIETIES.

160 Eyes, (one box) all one variety, your selection, \$1.50 by mail, postpaid.
 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.60, postpaid.
 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.70, postpaid.
 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
 480 Eyes, (3 boxes) three varieties, \$3.65 by express, not prepaid.
 480 Eyes, (3 boxes) twelve varieties, \$4.00 by express, not prepaid.
 (No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL- POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Experimenting with this seed is interesting. Every seed makes a distinct variety.
 Pkt., 15c; 2 pkts., 25c

OLDS' SEED CORN

THE SEED CORN SITUATION

The Seed Corn Situation at the date of this writing, the last week in December, is the worst we have ever known in our experience in the seed business. It looks like pretty nearly a Seed Corn Famine. No 1917 crop corn grown in the North shows a decent germination test unless it was picked and hung up very early in the season and not much corn in the North this year was fit to save for seed at all.

Old Corn is Best. Our advice to our customers this year is to plant 1916 corn if you can get it, preferably of course northern grown and the varieties that are known to be adapted to your latitude. We have some Dakota grown corn, 1916 crop, that shows a high test and this will be good for planting in the North. Will also have a number of small lots of old corn grown in Wisconsin that we will offer through our Weekly Price List as soon as the corn is tested and ready. These lots will be given the names of the men who grew them, with the definite locality where grown.

New Corn of Early Varieties from the Corn Belt is Next Best to Old Corn. There will not be anywhere near enough old corn all told to supply the needs. We will have a very little Wisconsin grown corn to offer, of Golden Glow, Murdock, Silver King and Clark's, that will be all right. We will quote it in the Weekly Price List when it is ready, but there will be only a little of it. The next best thing to use will be 1917 corn from the corn belt, preferably early varieties of course that matured well and show high germination tests. We are fortunate in having a few such.

Ear Corn. We have taken pride in the Fancy Wisconsin Grown Ear Corn that we have been able to offer during the past 10 years and over. This corn has been grown by a few careful growers throughout the state who are seed corn specialists; men who know how to select and dry corn and who have specially equipped drying houses. Thus far this year these corn growers have failed to deliver us any corn whatever and they have all reported practical failures.

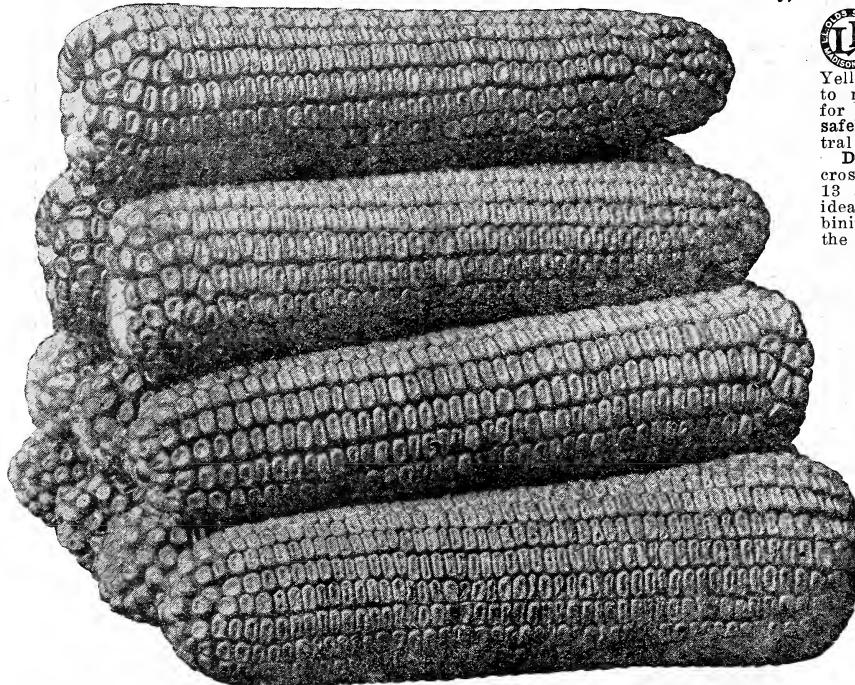
Prices. The prices given in the catalog are good until February 1st, provided our stocks last that long. After that date the Weekly Price List will govern. If you think prices high remember good corn will probably not be obtainable at any price later in the season. The cost of the seed per acre for corn is a small item anyway.

Germination. We test all our corn carefully for germination and print the tests in the Weekly Price List and on the sample envelopes. At the same time we like to have our customers test also. Some of the tests will look low.

Guarantee. We guarantee the corn we send out to be as represented. If not satisfactory as to test or quality, and we want you to test it yourself, it can be returned any time before planting time and money paid will be refunded. After the corn is once planted however our responsibility ceases, as we cannot guarantee a crop or a stand.

GOLDEN GLOW. (Wisconsin No. 12.)

Yield Record, 134 Bushels Per Acre in Fond du Lac County, Wisconsin.



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin.

Description. Golden Glow is a cross of Wis. No. 8 or Minn. No. 13 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter. It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn.

At the time of writing this catalog we have no Wisconsin grown Golden Glow ready to offer. We will have a limited quantity later on and will quote it in the Weekly Price List after Feb. 1st. We have however a stock of nice Golden Glow grown in Nemaha County, Northeastern Kansas, just a few miles from the Nebraska line. This is from W. F. Schmitz and Lawrence Bergman. Mr. Schmitz has furnished us stock for two years. He says of Golden

Glow, the seed of which he secured from us, "I am 'plumb bugs' over its yield and the way it did. It all matured and was ready to crib when we had our first killing frost while the other corn around here was all caught." This corn is all bright and dry with a very high germination. Our first test on it is 98 per cent.

Wisconsin Grown. Prices later.

Northeastern Kansas: 1/2 pk., \$1.35; pk., \$2.50; bu. (56 lbs.), \$9.00; 5 bus. at \$8.85; 10 bus. at \$8.75.

PRICES ALL VARIETIES CORN IN SMALL QUANTITIES.

By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 3 lbs., 85c. Samples showing tests, free.

BERGMAN'S EARLY PINK.

Early Pink is a variety grown by Mr. Lawrence Bergman, Northeastern Kansas, who grew part of our Golden Glow. Mr. Bergman says it is larger in the ear and yields more per acre than Golden Glow but is almost as early. The color is amber pink shading to red, kernels fairly deep. It is probably a week later than Golden Glow and we think will answer very well for Southern Wisconsin, Northern Illinois and similar latitudes. Our first test is nearly 100 per cent.

Prices: 1/2 pk., \$1.10; pk., \$2.00; bu., \$7.00; 5 bus. at \$6.85; 10 bus. at \$6.75. Grain bags free.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.

Best Dent for Southern Wisconsin and Northern Illinois. Murdock Yellow Dent is our favorite variety of corn, and all things considered we pronounce it the most desirable sort now in cultivation for the northern farmer.

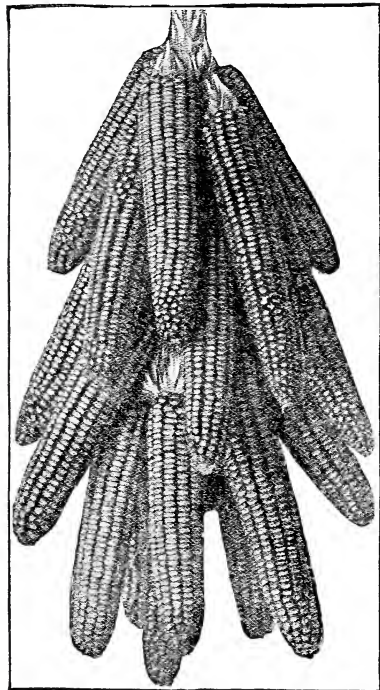
It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, who is one of our growers of Murdock, was the exhibitor of this corn. He has taken more than 20 premiums on it in the last 8 years. He says, "I have grown Murdock for over ten years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

We are sorry to have to report however that we will have no corn to speak of from Mr. Brueckner this year. It is we suppose the first failure Mr. Brueckner has ever had. At this writing we have no Wisconsin grown Murdock to offer at all and may not have any. We expect soon a carload of Dakota grown Murdock however that will be very good corn. They have found out in South Dakota that Murdock Yellow Dent is a good variety for them there and are growing it

quite largely. Two years ago we sold several carloads of Dakota Murdock for planting in Wisconsin and Northern Illinois. It gave good satisfaction and in general matured up well.

Prices will be quoted a little later through our Weekly Price List.

Note—All the corn we offer this year is shelled.



Ears of Northwestern Dent.

EARLY NORTH-WESTERN DENT.

A very famous corn with northern growers. It is in a class by itself, having red kernels with a yellowish cap, being really a cross between a red flint and a yellow dent.

The type now has become well established and the corn is uniform. Extremely early.

As a rule Northwestern Dent matures in 85 to 90 days. The ears are quite large, 7 to 10 inches long. Our stock is Minnesota and South Dakota grown, 1916 crop, showing high tests.

Prices Northwestern Dent.

Minnesota Grown, 96 per cent test: $\frac{1}{2}$ pk., \$2.00; pk., \$3.75; bu., \$14.00; 5 bus. at \$13.85; 10 bus. at \$13.75.

Dakota Grown, 98 per cent test: $\frac{1}{2}$ pk., \$1.75; pk., \$3.25; bu., \$12.00; 5 bus. at \$11.85; 10 bus. at \$11.75.



Mr. Brueckner and His Sweepstakes Corn.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth this is a very profitable variety to plant in the North for silo.

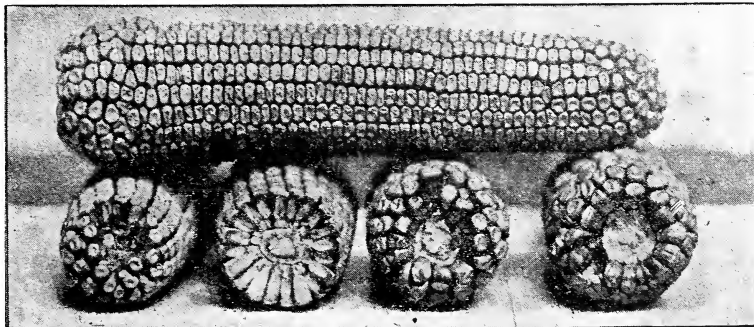
We do not ordinarily recommend it for regular field crop in Wisconsin to grow as mature ear corn but northern grown Reid's such as we have to offer this year is not a bad risk for the main crop. Our Northern Illinois stock was grown the past season in De Kalb County by Mr. Ed. Colton, who used to grow Northern Illinois Leaming for us. He says this strain is an early strain of Reid's that he has been working on for some time.

Our Dakota stock is 1916 crop. It was grown in South Dakota. is bright, plump, fine looking corn and shows a high test. We would not hesitate to plant it this year in Wisconsin.

PRICES OF REID'S YELLOW DENT.

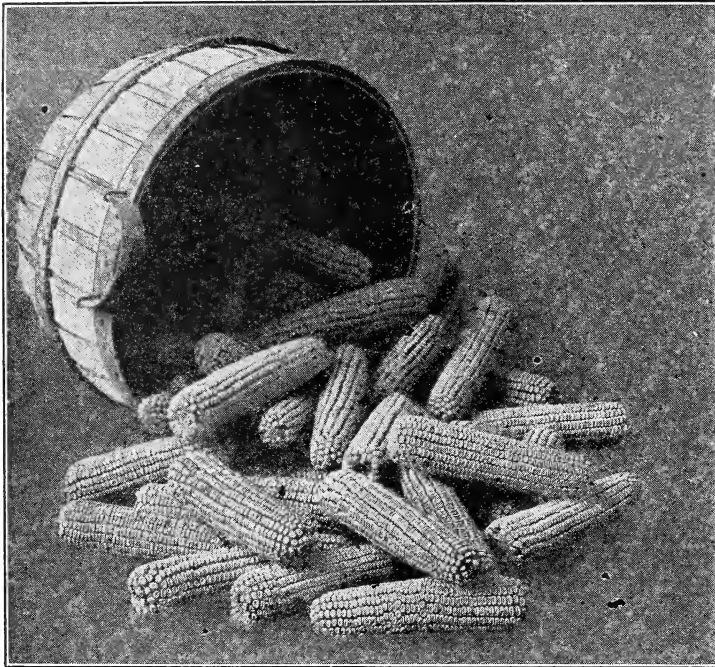
Illinois Grown: $\frac{1}{2}$ pk., \$1.75; pk., \$3.25; bu., \$12.00; 5 bus. at \$11.85; 10 bus. at \$11.75. All prices include bags.

Dakota Grown: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.



Reid's Yellow Dent, Most Popular Yellow Corn.

SILVER KING (Wisconsin No. 7).



Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin putting us as a state ahead of Illinois, Iowa, Missouri, Nebraska, Kansas and all other states in the Union in yield per acre. This is a great triumph for Silver King.

History:—This corn originated in northern Iowa. It was brought to Wisconsin a few years ago and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, is 137 6-10 bushels per acre. This was the amount of shelled corn produced on one acre of ground in 1913, by Heiron Block of Racine County, in the acre contest.

Description:—In appearance the corn is a beauty. Note the accompanying illustration. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature as far north as Oshkosh, Wisconsin, and is far north as reason for its yield records.

especially adapted to resist cold weather. It has a decided double-ear characteristic, on reason for its yield records. We have several lots engaged of Wisconsin Grown Silver King but at the date of this writing none of it is in. We do not want to offer it until we get it. We have some Dakota grown Silver King, 1917 crop, that is nice.

PRICES OF SILVER KING OR WISCONSIN NO. 7.

Wisconsin Grown. See Weekly Price List.

Dakota Grown: ½ pk., \$1.50; pk., \$2.75; bu., \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.

BOONE COUNTY WHITE.

A famous variety in Illinois and other sections of the corn belt. A great show corn. Somewhat like Silver King only larger and later. Ears are 10 inches long or more, cylindrical rather than tapering, 18 to 22 rows, generally 20. Grain very deep and rather rough. Ears well filled at both ends. Cobs always white and medium in size. Boone County White is all right for Southern Iowa and North Central Illinois. We would not ordinarily recommend it for planting further north, although it is of course all right in the North for silo corn. Our stock is from W. F. Schmitz, grower of Golden Glow, Nemaha County, Northeastern Kansas, and is beautiful corn. It is hard and well matured and shows a high test.

Prices: ½ pk., 75c; pk., \$1.40; bu., \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75.

OLDS' IMPROVED TWELVE-ROWED FLINT.

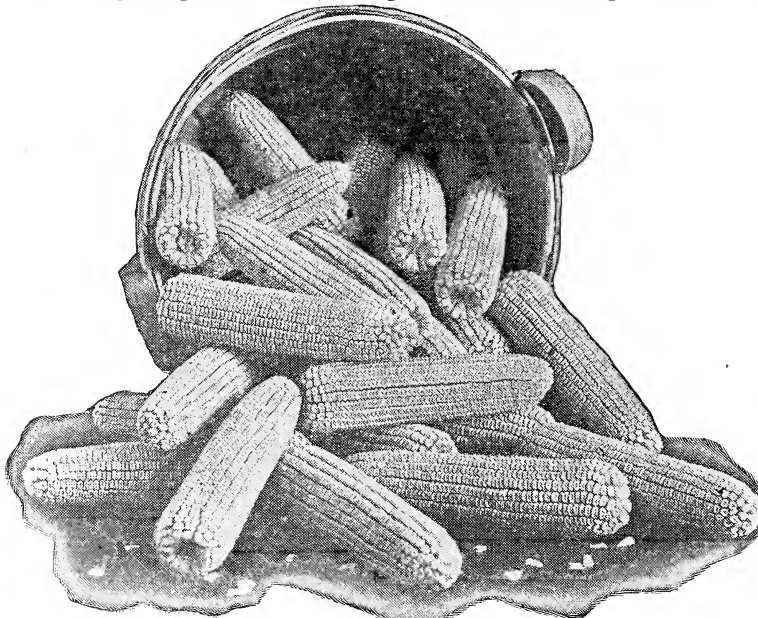
A selection from the well known Longfellow Flint or Yankee Corn. It is just as early and has the same beautiful, clear yellow color. Our stock was grown in Dane County, Wisconsin, and is nice, but we have only a little of it.

Prices: ½ pk., \$1.75; pk., \$3.25; bu., \$12.00; 5 bus. at \$11.85; 10 bus. at \$11.75.

GENESEE VALLEY YELLOW FLINT.

One of the very best varieties of flint corn. The ear resembles Longfellow but the kernels are slightly larger and of a deeper yellow. A very desirable variety. Our stock is Nebraska grown, 1917 crop. We have a carload of seed.

Prices: ½ pk., \$1.10; pk., \$2.00; bu., \$7.00; 5 bus. at \$6.85; 10 bus. at \$6.75.



Boone County White. —12—

DAKOTA GOLD MINE.

Dakota Gold Mine is a type of Iowa Gold Mine developed for early maturity and with special reference to the needs of Dakota and other northern states. The color is a deep rich yellow and the kernels are fairly long but it is not as large a corn as the Iowa variety and matures quicker. Ears average about 8 or 9 inches in length. It is a heavy yielder, often producing 60 to 80 bushels per acre and is a great favorite wherever it has been grown. We recommend it as perfectly safe for planting in Southern Wisconsin, Southern Minnesota, Northern Iowa and Southern South Dakota.

We are fortunate in being able to offer quite a fairly good sized stock of Dakota Gold Mine. Our stock is of 1916 crop, thoroughly dry, ripe and hard and shows a high test. It is South Dakota grown, a very choice lot of corn.

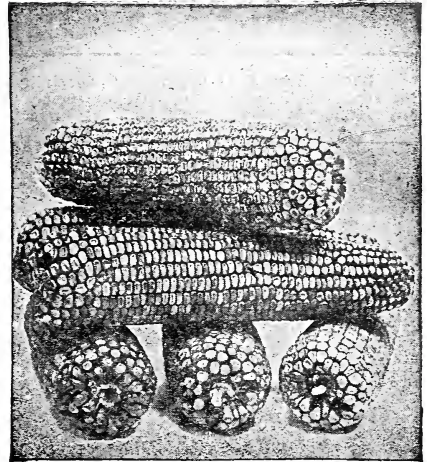
Prices: $\frac{1}{2}$ pk., \$1.60; pk., \$2.75; bu., \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.

PRIDE OF THE NORTH.

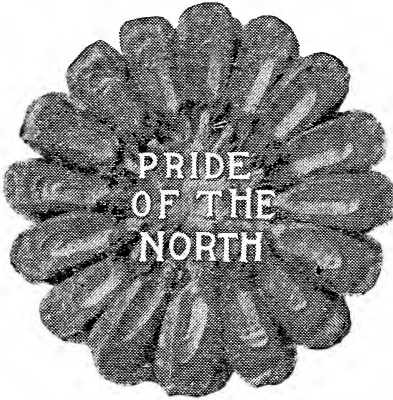
The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Our stock is from Northeastern Kansas, grown by a neighbor of W. L. Schmitz who grew our Kansas Golden Glow for us. This stock is very nice and tests high. It will mature we think about as early as Golden Glow and it has a deeper kernel than Golden Glow.

Prices: $\frac{1}{2}$ pk., \$1.25; pk., \$2.25; bu., \$8.00; 5 bus. at \$7.85; 10 bus. at \$7.75.



Dakota Gold Mine, Well Adapted to the North.



SANFORD'S WHITE FLINT.

A heavy yielding flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. A larger variety than Longfellow, just a trifle later. Stalks are tall and leafy with usually 2 or 3 ears each. A popular corn with dairy farmers. Our stock, which is Nebraska grown, is 1916 crop, extra fancy and shows the remarkably high test of 98 per cent.

Prices: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages.

Prices: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu. (45 lbs.), \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.

Any variety of corn on our list—By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 3 lbs., 85c. Samples showing tests free. Half bushels at bushel rates. All prices include bags. All corn is shelled.

GIANT RED COB ENSILAGE.

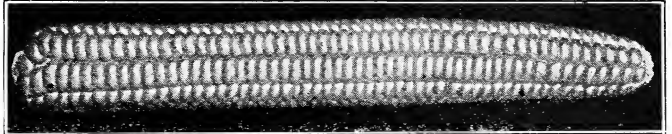
A very large pure white corn with red cob. It grows the largest doubtless of any variety of corn and is the favorite for planting in the North where a large growth of green fodder is desired. There is nothing better to plant for cutting up and feeding green right from the field and where it is not desired to grow ears it will prove the most profitable for the silo. Our stock is Missouri grown and from a section that produced hard well matured corn. The test is high, 95 per cent. A fancy lot of corn.

Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

OLDS' YELLOW FODDER.

A large yellow dent variety. Earlier than Giant Red Cob but nearly as large. We recommend this to northern farmers everywhere to plant for the silo as well as for feeding green. It makes a specially fine quality of fodder and is more easily cured than the Red Cob. Our stock is Missouri grown, large, bright, well matured kernels, fine for planting. We recommend planting this variety and Red Cob Ensilage thick, a peck to a half bushel per acre, as it makes finer, better fodder that way.

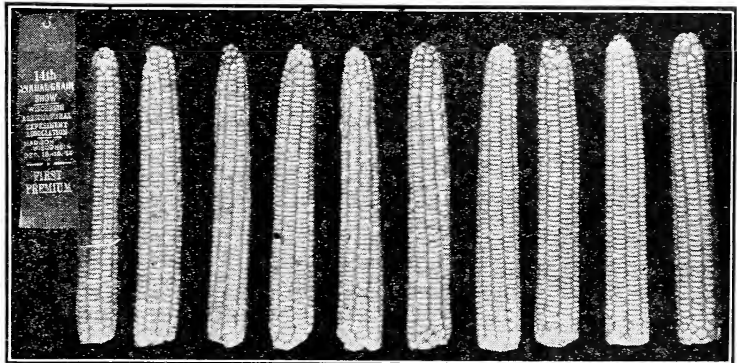
Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.30; bu., \$4.25; 5 at \$4.10; 10 at \$4.00.



EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Ripens in 75 to 85 days. Popularly known as "Yankee Corn." Grown all over the north for green fodder, for silo and for hog feed. Our stock is Nebraska grown, 1916 crop, showing a germination test of 92 per cent. This is very fine seed, worth much more than new corn.

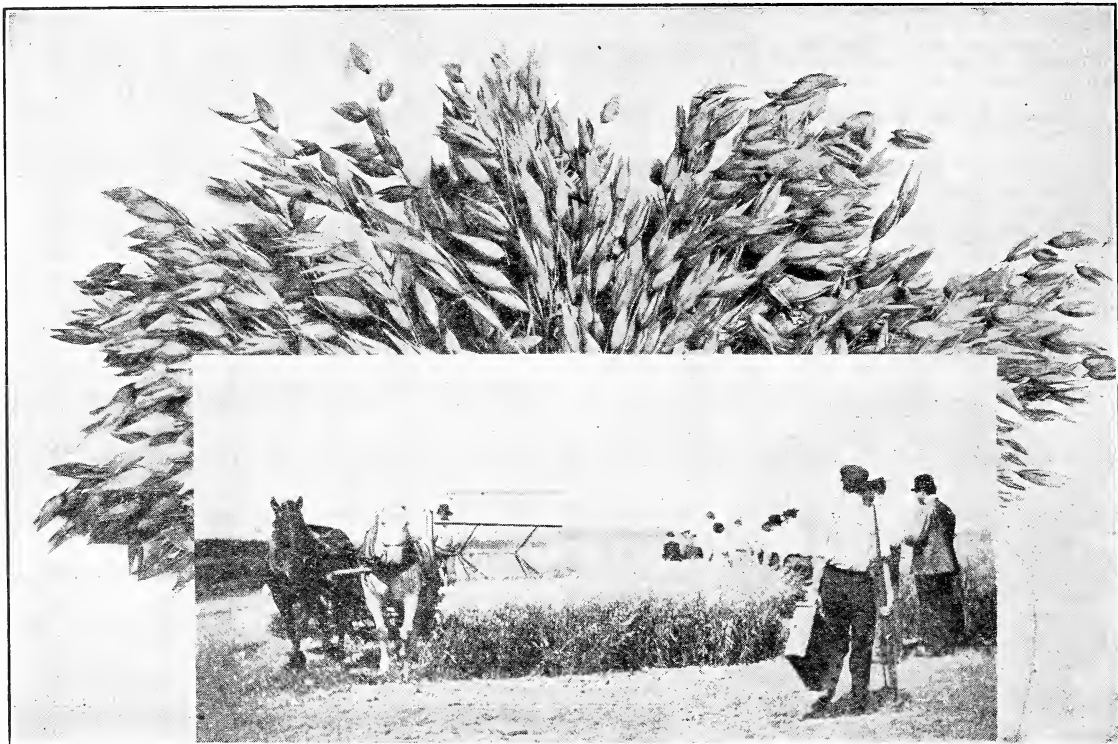
Prices: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$10.00; 5 bus. at \$9.85; 10 bus. at \$9.75.



The Ten Prize Ears of Olds' White Flint at the Wisconsin Experiment Association Meeting. A Good Representation of Sanford's White Flint also.

OLDS' SEED OATS

Choice Seed Oats are another speciality of ours. All our oats, as a rule, are grown for us on contract. We furnish the stock seed. Seed is treated for smut. The oats are thoroughly re-cleaned and all light oats blown out. It will pay any farmer to change seed and get some of Olds' choice heavy seed oats of new and improved varieties.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plot Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested.

WISCONSIN PEDIGREE No. 1.



Five years ago we had the honor of introducing this new oat. It has already become in the five years' time the most popular and most sought after of all varieties of oats, surpassing even the celebrated Swedish Select. It is our leader in oats. It has outyielded everything thus far and it does not lodge, even on rich soils. Out on the University Farm they call it the "best oat in the world."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. in 1912 for trial. Pedigree No. 1 proved the best of all the pedigree varieties and gave splendid results in every section.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw and a little earlier in ripening. At the Wis. Ex. Station they make quite a point of the stiffness of the straw. They say: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

Yield. The average yield of Wisconsin Pedigree Oats for 1913 as reported by 166 members of the Wis. Ex. Association was 52.8 bushels per acre as compared with 41.5 bushels, the average for all other varieties in Wisconsin; an increase of 27 per cent.

C. B. Thorpe of Grant County, Wisconsin, threshed 300 bushels Wisconsin Pedigree No. 1 in 1917, from 6 bushels of seed procured of us and sown on 2½ acres, a yield of 120 bushels per acre.

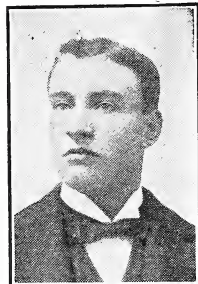
Walter T. Struck of Oregon reports a yield of 117 bushels per acre from four acres.

Value. We consider this positively the most valuable thing in the oat line ever introduced. The oats are heavy, good sized, with thin hull, outyield everything else, will grow on rich soils and stand up.

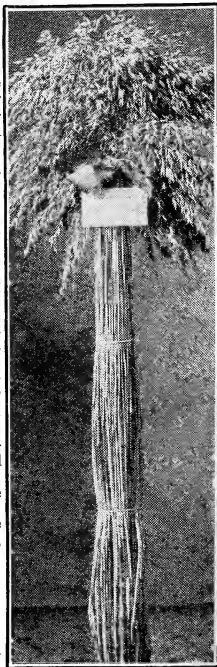
PRICES OF WISCONSIN PEDIGREE No. 1.

By freight: ½ pk., 25c; pk., 45c; bu. (32 lbs.), \$1.50; 2½ bus. at \$1.40; 10 bus. at \$1.30; 25 bus. at \$1.25. (Sacks free).

Note.—Oat prices given in the catalog are good until February 1st. Ask for "Weekly Price List" after that. They may be higher or lower.




R. O. Gmeinder,
Grower of Wisconsin
Pedigree No. 1
Oats.





White Kherson on Farm of Henry E. Krueger. 30 Acres Averaged 108 Bushels Per Acre.

OLDS' WHITE KHERSON. (Iowa No. 103).

 Olds' White Kherson is a distinct new variety which originated at the Iowa Experiment Station. It was first sent out for trial five years ago to a select list of a few prominent farmers including Hon. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats "White Kherson" because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. He says of them "They beat the Swedish Select 12 bushels per acre in 1913 and 28 bushels in 1914. They grow a short stiff straw so that every bundle is a mass of oats and we do not have to handle a lot of worthless straw." Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag. This was in 1914. In 1915, they yielded 108 bushels per acre on Mr. Krueger's farm and this was the average for 30 acres and in 1916 Mr. Krueger wrote: "Our yield on one of our fields was 118½ bushels per acre by actual weight and measured land. I find White Kherson fine to get a catch of clover or alfalfa with; just as good as barley in that respect; and their earliness gets them ahead of hot weather."


Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas in 1914 and in 1915 and secured both years "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

PRICES OF OLDS' WHITE KHERSON.

By mail: Lb., 20c; 3 lbs., 40c. By freight: Lb., 15c; ½ pk., 30c; pk., 45c; bu., \$1.60; 2½ bus. at \$1.50; 10 bus. at \$1.40; 25 bus. at \$1.35.

OLDS' IMPROVED YELLOW KHERSON (Iowa No. 105)

 Introduced by us last year. A better yielder than White Kherson and way ahead of the original Yellow Kherson, not only in yield but in stiffness of straw.

Like our White Kherson (Iowa No. 103) it is a "pure line." At the Iowa Agricultural College, where it originated, they are very enthusiastic over it.

Prof. H. D. Hughes, says: "The No. 105 is a better oat for rich land than the No. 103 in that it has a very much stronger straw than the Kherson or the No. 103. or in fact, any other good variety of which I know. This is a very desirable characteristic for the rich corn belt lands. In our tests here conducted throughout a series of five or six years, the No. 105 has out yielded the No. 103 about five bushels per acre."

Description: Olds' Improved Yellow Kherson is a bright golden yellow oat, tremendously productive, with a larger number of kernels to the head than other oats. They never lodge even on the richest soil. Their earliness makes them valuable on any farm where a lot of oats are grown as it divides the harvest. Olds' Improved Yellow Kherson is at least two weeks earlier than most varieties and undoubtedly the earliest oat ever introduced.

Our seed stock came from Henry Krueger, grower of Olds' White Kherson. Mr. Krueger writes: "I don't believe I could say any more for the Yellow than the White Kherson except that they have a shorter straw, are 3 to 5 days earlier and the yellow color seems to make them better for black soil. I know this is true with the late white and yellow oats. It seems that yellow oats are more resistant to heat."



Heads of Improved Yellow Kherson Oats.

PRICES OF OLDS' IMPROVED YELLOW KHERSON.

By mail: Lb., 20c; 3 lbs., 40c. By freight: Lb., 15c; ½ pk., 30c; pk., 45c; bu., \$1.60; 2½ bus. at \$1.50; 10 bus. at \$1.40; 25 bus. or over at \$1.35.

WISCONSIN PEDIGREE NO. 7.

A new pedigreed variety of oats originated at the Wisconsin Experiment Station. It will be sent out in small quantities this season, 1918, by the station for trial among the members of the Ex. Ass'n.

History. Pedigree No. 7 is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, seven years ago, breeding work was begun on it at the Wisconsin Station. It has been grown in the test plots at that Station as a pedigreed variety for 5 years, and during that time has shown some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

Description. Wisconsin Pedigree No. 7 is a yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest.

It has the stiffest straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. Last season when heavy storms lodged other oats so that they could not all be secured by the binder Wisconsin No. 7 stood up perfectly and there was no loss in cutting. They yielded a third more per acre than Pedigree No. 1 just because of this one thing.

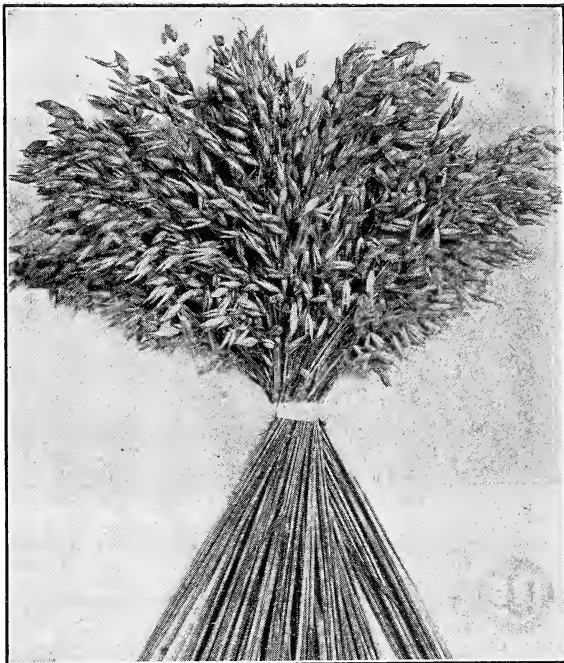
Another thing about this new oat is its hardness. Prof. Leith says it is the hardiest of anything, resists heat and withstands unfavorable conditions. He recommends it for sandy land especially.

To sum up, Wisconsin Pedigree No. 7 will prove valuable because of its hardness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities.

PRICES OF WISCONSIN PEDIGREE NO. 7 FOR 1918.

By mail: Lb., 25c; 3 lbs., 45c; By freight: Lb., 20c; ½ pk., 45c; pk., 65c; bu., \$1.90; 2½ bus., at \$1.75; 10 bus. or over at \$1.65.

H. E. Krueger writes Nov. 21, 1917: "I tested the Wisconsin Pedigree No. 7 on a 10-acre field. It was a very satisfactory oat. Gave a yield of 71 bushels per acre. It stood up fine and is just as early as Iowa 105."



Wisconsin Pedigree No. 7.

GOLD MINE OATS.

We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. They always yield well and will withstand drouth.

Prices: Pk., 40c; bu., \$1.45; 2½ to 10 bus. at \$1.35; 10 bus. at \$1.25; 25 bus. at \$1.20.

SILVER MINE.

A well-known and very popular variety, first introduced in 1895. A plump, white oat, quite an early variety with smooth, shiny kernels. Always free from awns. We have some very nice stock.

Prices:
Pk., 40c; bu.,
\$1.45; 2½ to
10 bus. at
\$1.35; 10 bus.
at \$1.25; 25
bus. or over
at \$1.20.



Regenerated Swedish Select. Note the Plump Grains.

REGENERATED SWEDISH SELECT OATS

Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to recreate, and that is just what has been done by the Garton people. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump and perfectly pure.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.

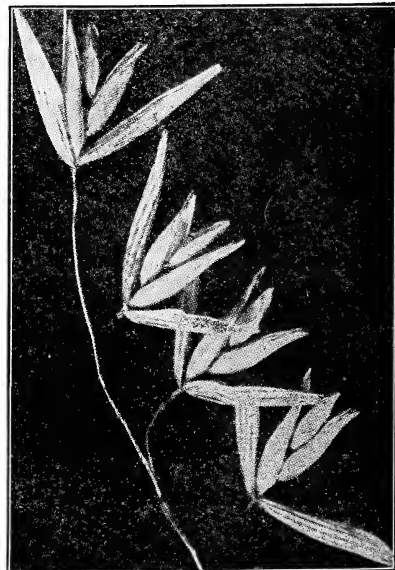
This stock was grown by Mr. John Blaska and others right here in our home county from the Garton seed. They are fine stock, bright, white and heavy, and perfectly pure and clean. Everyone will be pleased with them. For clay soils there is no better variety of oats than our Regenerated Swedish Select. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish, is one reason for the splendid yields.

In addition to our home grown oats we have a limited stock of Canadian grown Regenerated Swedish Select carried over from last year. These are very heavy and very beautiful and they show almost a perfect germination test.

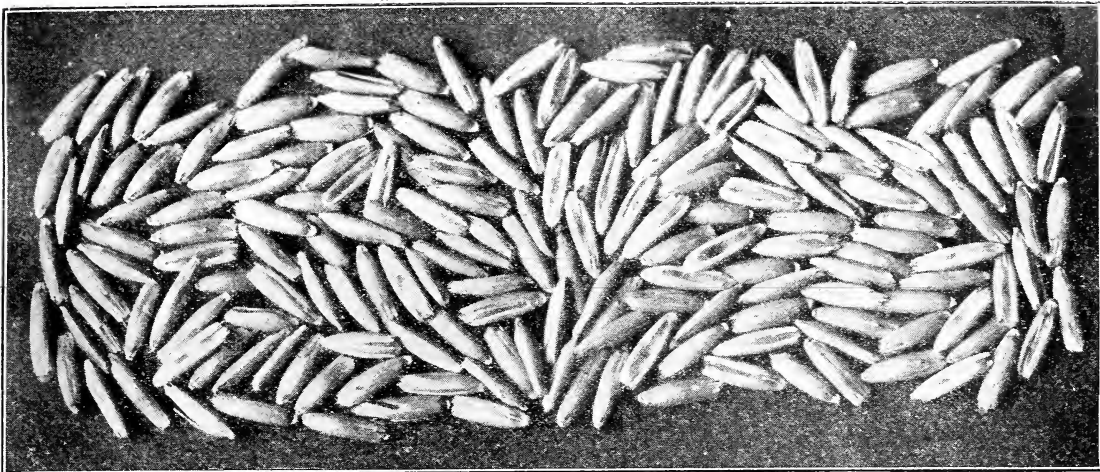
PRICES REGENERATED SWEDISH SELECT OATS.

Wisconsin Grown: ½ pk., 30c; pk., 45c; bu., \$1.50; 2½ to 10 bus. at \$1.40; 10 bus. at \$1.30; 25 bus. at \$1.25.

Canadian Grown: Pk., 50c; bu., \$1.60; 2½ bus. at \$1.50; 10 bus. at \$1.40.



Three kernels in a pod, a common thing in the Regenerated Swedish Select. This is what breeding will do. It makes the yield.



Kernels of Olds' Scottish Chief. A Wonderful Oat. Yield in Dane County 92 Bushels per Acre.

OLDS' SCOTTISH CHIEF.



A new variety that we offered four years ago for the first time. A thoroughbred, imported from Scotland a few years ago. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat," and on account of its fine appearance will always command the very best price on the market.

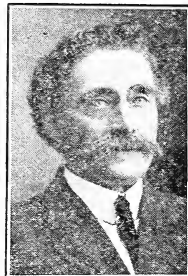
Our Scottish Chief, as grown for us on the farm of John Blaska, near Madison, were again ahead of everything else in the oat line anywhere in this section. They stood up perfectly, were as high as a man's head and were absolutely free from smut. Mr. Blaska said he offered his wife a dollar for every smut head she could find.

Now we want to see a lot of our friends who are looking for some better oats sow these Scottish Chief of ours as grown by Mr. Blaska. They did great things for him and they will for you.

Prices: Pk., 45c; bu., \$1.50; 2½ to 10 bus. at \$1.40; 10 bus. at \$1.30; 25 bus. at \$1.25.

Mr. O. W. Nordemeyer, of Illinois, writes: "I thought I would write you a few lines in regard to the seed oats I got of you. The Scottish Chief did well; made 70 bushels per acre where the old seed around here made 35 bushels. They seem to be larger and plumper than the seed was."

Note—Ask for free samples showing tests of any or all varieties of oats. You need not be afraid of noxious weeds if you buy your grain of us.



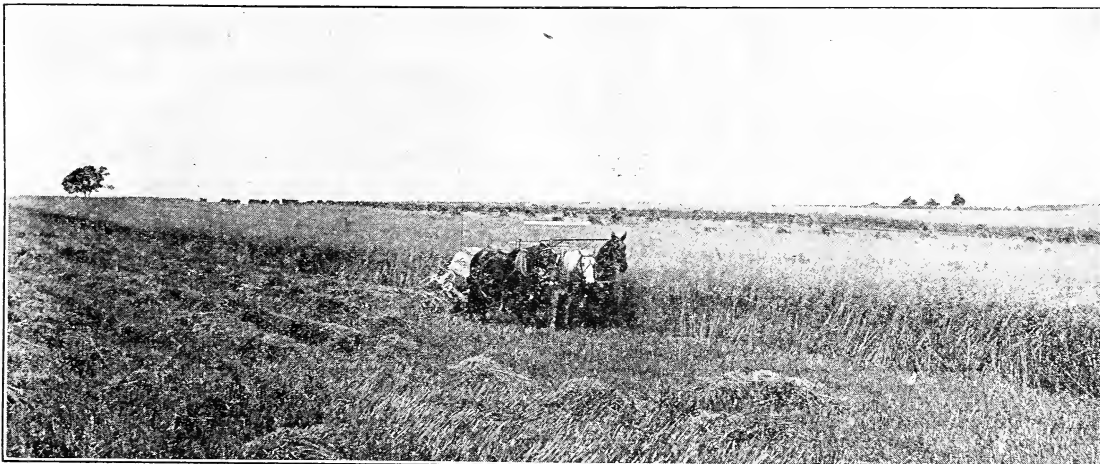
John Blaska of Dane County, Wisconsin, Grower of Scottish Chief and Regenerated Swedish Select Oats.

REJUVENATED WHITE BONANZA.

Another splendid new oat. Twenty years ago the old White Bonanza was one of the best if not the best variety of oats grown. It had wonderful vigor and yielding qualities and it is still doing well in some sections. It is the parent of our famous Wisconsin Pedigree No. 1.

Now we have Rejuvenated Bonanza which is just as its name states a Youth-Renewed White Bonanza. The oat is pure white, grows strong and stocky with very large bushy heads and the grain is very heavy.

Prices: ½ pk., 25c; pk., 45c; bu., \$1.50; 2½ to 10 bus. at \$1.40; 10 bus. at \$1.30.



Rejuvenated White Bonanza on Farm of T. R. Howe, near Madison.

OLDS' SEED BARLEY



Harvesting Wisconsin Pedigree Barley on Farm of H. E. Krueger, Wisconsin's Most Famous Grain Expert. Yield of This Field, 54½ Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY NINE YEARS IN SUCCESSION.



Wisconsin is a great barley state and Wisconsin barley leads the world. Twenty-three years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

First:—It outyields all others. The average yield in Wisconsin for 5 years was 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.

Second:—Plumpness of grain. All who have grown it notice the unusually plump kernels.

Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Uniformity. All the kernels are alike, an important matter with barley.

Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh:—Large Heads. Many speak of the unusually long, large heads.

Pedigree No. 5. There are several different strains or numbers of Wisconsin Pedigree Barley. Ours is Pedigree No. 5 of Oderbrucker origin and this is the one that has taken so many prizes. We bought our original seed stock of Mr. H. E. Krueger who had this barley two years ahead of others. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigree Barley No. 5 the past nine years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won.

Some of the prizes won by Mr. Krueger on Wisconsin Pedigree No. 5 are as follows:

Sweepstakes, Open to the World, 1908, 1909, 1911, 1912, 1913 and 1914, International Corn Expositions.

First, Wisconsin Malting Barley, 1911 International Barley Exposition.

First, American Prize, Six-Rowed Barley, 1911 International Barley Exposition.

First, Wisconsin State Fair, 1908, 1909, 1910 and 1911.

First, 1914 International Dry Farming Congress, Wichita, Kansas.

First and Grand Champion Sweepstakes, 1915, 1916 and 1917 International Wheat Exposition, Wichita, Kansas.

First, International Soil Products Exposition, El Paso, Texas, 1916.

We are glad to be able to announce again that we have secured part of Mr. Krueger's 1917 crop of barley for our customers. This barley is very plump, is pure and clean and was grown by Krueger, the most famous pedigree barley expert in the United States. His yield was 54½ bushels per acre. See illustration of his field above. Let us know when you order if you want the Krueger stock. It will cost you 25 cents more than other stock. Our main stock of Pedigree No. 5 was mostly grown right near Madison by J. M. Blaska, who has grown for us for eight years straight, by John Blaska, John Wagner, R. O. Gmeinder and others. There is no better Barley section in the world than Dane County, Wisconsin.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1918.

Krueger Stock: ½ pk., 40c; pk., 70c; bu. (48 lbs.), \$2.50; 2 to 10 bus. at \$2.40; 10 bus. or over at \$2.30.

Other Wisconsin Stock: ½ pk., 35c; pk., 65c; bu., \$2.25; 2 to 10 bus. at \$2.15; 10 bus. at \$2.05; 25 bus. or over at \$2.00. All grain prices include bags.

Guy C. Stoddard, of Iowa, writes:

"A year ago I purchased from you 10 bushels of Wisconsin Pedigree Barley, Krueger stock. I never saw nicer looking seed. I sowed this seed on 4 acres, 150 square rods of ground and harvested a crop of 300 bushels by weight."

Note—Ask for free sample showing tests of any of our varieties of grain and field seeds.

Note—Wisconsin's barley crop the past season was 18 million bushels and, thanks to its pedigreed varieties which are largely grown now throughout the state, it stood "First in Yield Per Acre" of all the large barley growing states.



J. M. Blaska: Expert Dane County Barley Grower.



Wisconsin Pedigree No. 5, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.



ODERBRUCKER BARLEY. (Wis. No. 55.)
Oderbrucker Barley was first offered in 1907. It is the best six-rowed Barley in cultivation with the exception of Wisconsin Pedigree. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in most other varieties.
Prices: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., \$2.25; 2 to 10 bus. at \$2.15; 10 bus. or over at \$2.05.

CHEVALIER TWO ROWED BARLEY.

Beautiful Dakota grown seed. This variety is very plump and fine for exhibition purposes. Our stock is fancy.
Prices: $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.50; 2 bus. at \$2.40; 10 bus. at \$2.30.

PRIMOST FLAX. (Minnesota No. 25.)

This is a new pure-bred variety of flax from the Minn. Ex. Station. Pronounced by them the "best yielding variety."
Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., (56 lbs.), \$4.50; 2 to 10 bus. at \$4.40; 10 bus. at \$4.30.

NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. Prof. Bolley is recommending it to all flax growers. Prices: Same as for Primost.

SPELTZ OR EMMER, THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown successfully anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth where barley fails entirely.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn.

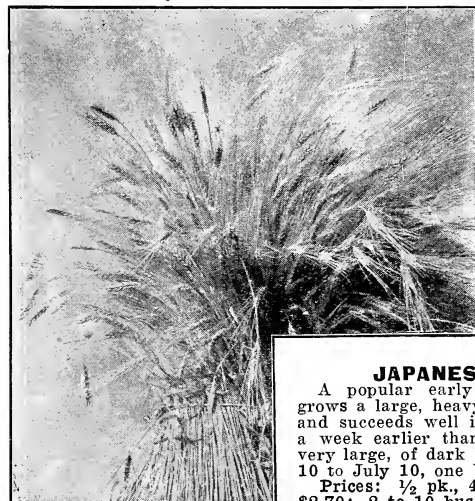
Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats and in fact is often sown with oats for horse feed.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (40 lbs.), \$1.60; 100 lbs., \$3.75; 500 lbs. at \$3.65; 1000 lbs. at \$3.60.

JAPANESE BUCKWHEAT.

A popular early variety of buckwheat. It grows a large, heavy straw, with many branches, and succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow from June 10 to July 10, one bushel per acre.

Prices: $\frac{1}{2}$ pk., 40c; pk., 75c; bu. (50 lbs.), \$2.70; 2 to 10 bus. at \$2.60; 10 bus. at \$2.50.



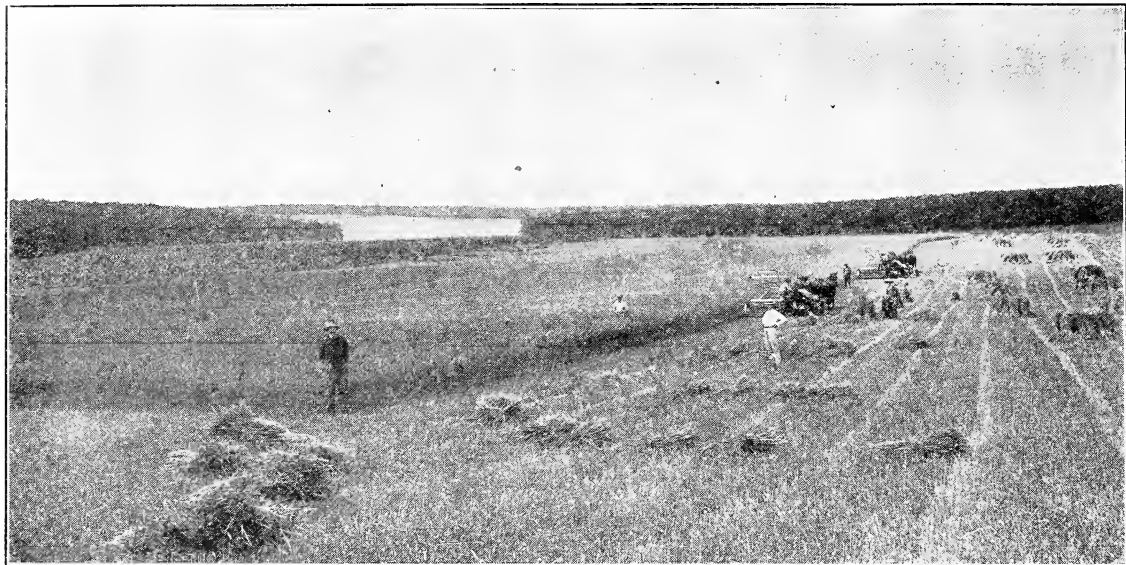
Sheaf of Speltz.

SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Rather more popular with the millers than the Japanese. Prices, same as for Japanese.



OLDS' SEED WHEAT



MARQUIS WHEAT Best of All Varieties.

This is the wheat that was awarded the World's Championship Prize of \$1,000 at the New York Land Show. Canadian farmers of the Northwest are all wild about it because of its earliness and big yields.

Marquis Wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Dr. Saunders says:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield was at the rate of 81½ bushels. Marquis is an excellent hard wheat ripening about a week earlier than Red Fife."

We are glad to be able to tell our customers after another year's experience with Marquis Wheat that it has proven itself splendidly adapted to Wisconsin and other states of same latitude.

H. E. Krueger writes No. 21, 1917: "The Marquis Wheat seed, which I bought of you last spring, was a 'hummer.' Made a 40 bushel per acre yield and won First Prize of \$25.00 at the International Wheat Show, Wichita, Kan., October, 1917. Also First at Wisconsin State Fair, 1917."

Our main stock of Marquis this year is Montana grown. This stock is really a pedigreed strain of Marquis, grown specially for seed in Northern Montana, near the Canadian line. It was pronounced by the Food Administrator at Chicago, who inspected it, the finest wheat he had ever seen. We have also a lot of Wisconsin Marquis, grown by Mr. Bronner and others and this stock is also very fine. Marquis is without any exception the best variety of spring wheat for Wisconsin and in fact for every other state as well.

PRICES OF MARQUIS WHEAT.

Pedigreed Montana: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.00; bu., \$3.60; 2 to 10 bus. at \$3.50; 10 bus. or over at \$3.40.

Wisconsin Grown: ½ pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.05.

(Wheat prices include regular cotton grain bags.)

MINNESOTA NO. 169 WHEAT.

An Improved Blue Stem. For 8 years on the Minnesota Station Farm it averaged 18 per cent more in yield than its parent. Our stock is Wisconsin grown and fine.

Prices: ½ pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.05.

Note—Wisconsin stands first in yield per acre of spring wheat of non-irrigated states harvesting one million bushels.



Heads and Grains of Marquis. No Beards.

BLUE RIBBON SPRING WHEAT.

The Prize Milling Wheat of the World.



Originated with Mr. H. E. Krueger and as shown by him at the 1909 National Corn Exposition won first prize in the "Milling Contest, Open to the World." This was in competition with all of the Northwest.

Blue Ribbon is a bearded wheat with plump berry and a very short stiff straw. It is an early variety maturing about 10 days earlier than most wheat. A great yielder. Our stock is all Wisconsin grown.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$3.35; 2 to 10 bus. at \$3.25; 10 bus. or over at \$3.15. All wheat prices include cotton grain bags.

VELVET CHAFF WHEAT.

A bearded variety of spring wheat, very hardy and a big yielder. In some sections of Minnesota and the Dakotas where it is very popular it yields from five to ten bushels per acre more than Blue Stem. Our stock is North Dakota grown, grain very plump and large, pure and clean.

Prices: $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.50; 2 to 10 bus. at \$3.40; 10 bus. or over at \$3.30.

PEDIGREE DURUM WHEAT. (MACARONI).

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It is very productive, yielding as high as 50 bushels per acre; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

The Durum Wheat we have to offer this year is from Northern Montana and is pedigree stock grown from a special strain. It is pure and clean and very fine wheat. The Chicago Food Administrator inspected it and pronounced it the finest Durum he ever saw.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.60; 2 to 10 bus. at \$3.50; 10 bus. at \$3.40. Wisconsin Grown Durum: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.05.

H. E. Krueger, writes Nov. 12, 1917: "The Durum Wheat (seed of which I secured of you last spring) won first prize at the International Wheat Show, Wichita, 1917, and second at the International Soil Products Exposition, Peoria, Ill., Oct. 1917. It gave us a yield of 43 bushels per acre."

WISCONSIN PEDIGREE NO. 2.

A new variety of winter wheat developed at the Wisconsin Experiment Station from Turkey Red. This is the wheat so highly recommended by the Wisconsin College of Agriculture.

Prices: $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.50; 2 bus. at \$3.40; 10 bus. at \$3.30.



WISCONSIN NO. 18.

A splendid variety of winter wheat put out by the Wisconsin Experiment Station. Our best yielder.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.05.

TURKEY RED NO. 42.

Turkey Red is probably the most popular and best known variety of Winter Wheat. It is noted for its hardness.

Our Turkey Red No. 42 was the best from 1,000 individual heads for yield, quality, shape of kernel and stiff straw.

Prices: Same as for Wisconsin No. 18.

WORLD'S CHAMPION WINTER WHEAT.

This is the wheat that won the "World's Championship" at the International Exposition at Omaha in 1909, in competition with the whole world. Mr. H. E. Krueger originated the wheat and after securing the highest award on his half-peck at the Omaha show bought it back again at auction paying \$104.00 or at the rate of \$832.00 per bushel. Prices: Same as for Wisconsin No. 18.

OLDS' MAMMOTH SPRING RYE.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. Grows a tall strong straw, six feet high and produces 30 to 40 bushels per acre.

Prices: $\frac{1}{2}$ pk., 60c; pk., \$1.00; bu., \$3.50; 2 bus. at \$3.35; 10 bus. at \$3.25.

WISCONSIN PEDIGREE NO. 1 WINTER RYE.

This wonderful rye is the result of 12 years' careful breeding at the Wisconsin Experiment Station on a strain of Schlansted received from the U. S. Dept. of Agriculture in 1898.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., (56 lbs.), \$2.85; 2 to 10 bus. at \$2.75; 10 bus. or over at \$2.65.

WISCONSIN PEDIGREE NO. 2 WINTER RYE.

Wisconsin Pedigree No. 2 was bred at the Wisconsin Experiment Station in the same careful way as Pedigree No. 1 from seed received at the same time from the U. S. Government. This variety is from the Petkus as a foundation which for years was the most famous winter rye known.

Prices: Same as for Wisconsin Pedigree No. 1. Wisconsin stands first of all the states in production of rye.

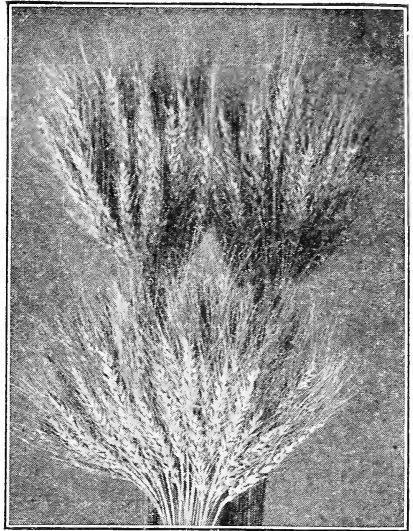
DWARF ESSEX RAPE.

Probably no plant has ever jumped into favor so quickly with farmers everywhere as Dwarf Essex Rape. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.
 2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain is about up.
 3. Alone in June or July, on newly plowed land.
 4. With corn just before the last cultivation.
 5. With rye, in August or September, for late pasture.
- A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the desirable variety, and the only one recommended.

Prices, by mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.75; 100 lbs., \$14.00; 500 lbs. at \$13.50.



Krueger's Blue Ribbon Wheat.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

SOY BEANS. (Great For Silage.)

Soy Beans have a double value. First, they are great for feed, and second, they are nitrogen gatherers and enrich the soil wherever grown.

As a dry bean they are immensely productive. One farmer in Indiana brought in to the county agent a single stalk which had 317 pods on it.

They are being raised with success now in all the northern states as well as in the central and southern states and are especially valuable for sandy soils. Many northern farmers are planting with corn for ensilage. One peck of seed is required per acre. Do not plant too early. Use inoculation to insure a strong, vigorous growth. See pages 26 and 28.



A Soy Bean Field Being Cut for Hay. About Equal to Alfalfa Hay in Value.

ITO SAN. Produces small yellow beans. Quite early and therefore valuable for the North. Matures in 95 days. Our stock is Illinois grown.

Prices, by mail: Pkt., 5c; lb., 25c; 2 lbs., 40c. By freight: 2 lbs., 30c; ½ pk., 90c; pk., \$1.65; bu., \$6.00; 2 bus. at \$5.85; 10 bus. at \$5.75.

MEDIUM YELLOW. Similar to Ito San but grows a little larger and matures five days later. Our stock is Illinois grown.

Prices, same as for Ito San.

BLACK BEAUTY OR EBONY. Seeds are small, jet black and shiny. Yields a third more than Ito San, but not as early. Makes a larger and taller growth than Ito San. Very valuable for silage. Stock Illinois grown.

Prices, same as for Ito San.

WISCONSIN BLACK. The earliest of all varieties. Will mature dry beans in the North. Our stock is Northern Wisconsin grown and very choice.

Prices, by mail: Pkt., 5c; lb., 30c; 2 lbs., 45c. By freight: 2 lbs., 35c; ½ pk., 95c; pk., \$1.75; bu., \$6.50; 2 bus. at \$6.35; 10 bus. at \$6.25.

COW PEAS.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose Cow Peas are excellent. Sow broadcast in May or June, 1½ bushels per acre. Inoculate before sowing. See pages 26 and 28.

WHIPPOORWILL. Standard variety.

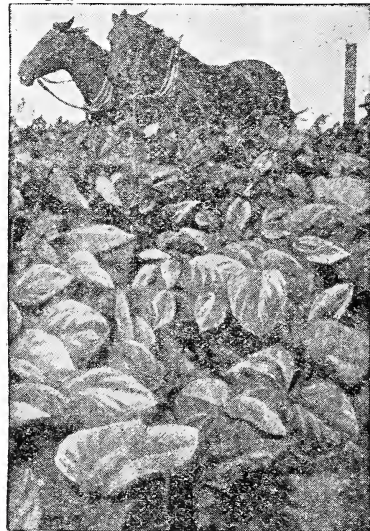
Prices: ½ pk., 70c; pk., \$1.30; bu., (60 lbs.), \$1.75; 2 bus. at \$4.60; 10 bus. at \$4.50.

NEW ERA. Earlier than Whippoorwill.

Prices: Same as for Whippoorwill.

TRUE NAVY BEANS. The standard bean.

Prices, by mail: Pkt., 5c; lb., 35c; 2 lbs., 60c. By freight: 2 lbs., 50c; ½ pk., \$1.50; pk., \$2.90; bu., \$11.00; 100 lbs., \$18.25; 2 bus. at \$10.85; 10 bus. at \$10.75.



Cow Peas. Sown June 16, Plowed Under Aug. 31.

IMPROVED PROLIFIC TREE.

RED KIDNEY. A large handsome red bean. ½ pk., \$1.50; pk., \$2.90; bu., (58 lbs.) \$11.00; 5 bus. at \$10.85; 10 bus. at \$10.75.

SWEDISH BROWN. Great yielder. Very popular in some markets. Pk., \$2.40; bu., (60 lbs.) \$9.00; 5 bus. at \$8.85; 10 bus. at \$8.75.

OLDS' FANCY WISCONSIN FIELD PEAS.

WHITE CANADA. The best known variety. Sow 1½ to 2 bus. per acre broadcast, with oats. Prices: By mail: Lb., 25c; 2 lbs., 35c. By freight: 2 lbs., 25c; ½ pk., 70c; pk., \$1.35; bu., (60 lbs.), \$5.00; 2 bus. at \$4.90; 10 bus. at \$4.80. Our stock is very fancy Wisconsin grown.

WHITE MARROWFAT. Vines large with well-filled pods of large peas. Prices: ½ pk., \$1.00; pk., \$1.90; bu., \$7.00; 2 bus. at \$6.90; 10 bus. at \$6.80.

WINTER OR HAIRY VETCH—(Vicia Villosa.)

THE GREAT NEW FORAGE PLANT.

A most valuable leguminous plant fast coming into prominence in the North. Brings an immense amount of fertility to the soil, as well as making splendid pasture. Remains green all winter. Sow in either fall or spring, 20 to 30 pounds per acre with a half bushel of rye or oats for support.

The Wis. Ex. Station recommends Hairy Vetch to Wisconsin farmers very highly, especially for sowing with rye in the fall. It makes a fine winter pasture and then a great crop of hay the following summer and best of all it enriches the soil.

Prices, by mail: Pkt., 5c; lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.20; 10 lbs., \$2.25; 100 lbs., \$20.00; 500 lbs. at \$19.50.

Note—There is a great difference in the quality of vetch seed offered. Nearly all seed contains corn cockle, a noxious weed. Our stock is entirely free from cockle.

Note—Field Seed Prices in this catalog are good until February first only. Ask for "Weekly Price List." after that date.



Winter Vetch.

EARLY AMBER CANE (Sorghum.)

Great for feed as well as for making syrup. Every stock farmer in the Northwest should have some. It can be easily grown and yields big crops of the very best fodder.

Sow at corn planting time, broadcast or with grain drill 40 to 50 pounds per acre. Or the seed can be planted in rows like corn and cultivated and that way a larger yield secured. If designed for syrup it must be cultivated, but 15 pounds will seed an acre, planted in rows.

Northern Grown (Fancy Seed). For syrup.

By mail: Lb., 35c; 3 lbs., 75c. By freight: Lb., 30c; 5 lbs., 80c; 10 lbs., \$1.50; 100 lbs., \$12.50; 500 lbs. at \$12.35.

Southern Grown. Best for fodder.

By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$8.50; 500 lbs. at \$3.35.

EARLY ORANGE CANE.

A week later than Early Amber. Taller and more productive. Hence better for fodder.

Prices, same as for Southern Amber.

WHITE KAFFIR CORN.

Sow the same as corn, when the ground is thoroughly warm. 10 to 15 lbs. will seed an acre in rows, or ½ bu. broadcast.

Prices, by mail: Lb., 20c; 3 lbs., 50c. By freight: Lb., 15c; 10 lbs., 75c; 100 lbs., \$5.50; 500 lbs. at \$5.35.

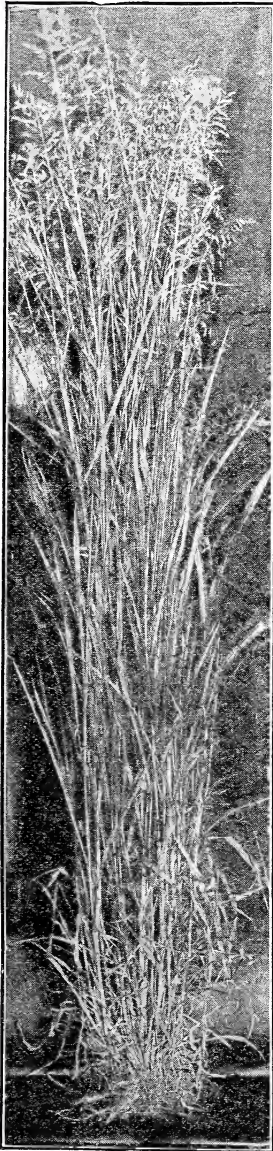
SHALLU OR EGYPTIAN WHEAT.

A new grain from East India. Belongs to the Sorghum family and should be planted like Cane or Kaffir Corn. It yields enormously and is in fact more productive than any other variety of Sorghum.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 10 lbs., \$1.00; 100 lbs., \$7.50.

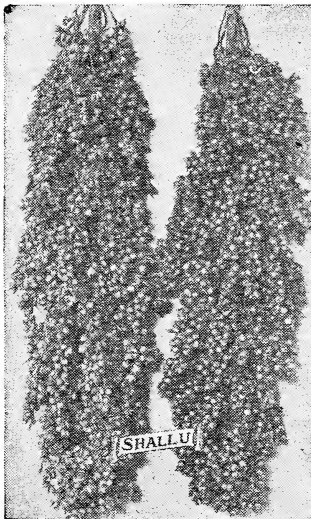


Early Amber Cane. Grown for Feed.



Sudan Grass.

Note—All Field Seed Prices are subject to change after February first. Ask for "Weekly Price List." Samples showing purity and germination tests free on request. Tests are not given in the catalog as we usually have several stocks of the same variety with different tests. The "Weekly Price List" however gives the tests of the stocks being used on orders at the time.



FETERITA.

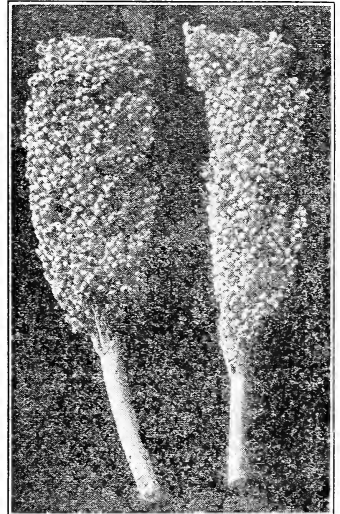
The New Drouth-Resistant Plant.

Feterita although a recent introduction has already made a great name for itself. It is somewhat like Kaffir Corn but is earlier, out-yields it and is little affected by drouth.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 10 lbs., 80c; 100 lbs., \$6.00; 500 lbs. at \$5.85.

MILO MAIZE.

Prices: By mail: Lb., 20c. By freight: Lb., 15c; 10 lbs., 75c; 100 lbs., \$5.50; 500 lbs., at \$5.35.



Feterita, the Great Drouth-Resister.

SUDAN GRASS. (The Great New Hay Crop.)

Of the new things Sudan Grass seems to be attracting more attention than anything else. The Department of Agriculture reports that Sudan Grass will be of the greatest value in the western and southwestern states, also that it will make just as good yields in most of the central and northern states, and will grow nearly everywhere.

Sudan Grass is strictly an annual and dies each year like Millet. Is best sown broadcast or with a drill when it can be cut with a mower and treated like any other hay. Produces twice as much hay per acre as any of the common forage plants. 10 pounds will seed an acre.

Prices: By mail: Pkt., 5c; lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$20.00; 500 lbs., at \$19.50.

WHITE WONDER MILLET

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as much as that of German Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than German Millet but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder. We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed we offer is beautiful seed, the prettiest millet we ever saw.

Prices—by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 65c; pk., \$1.00; bu. (50 lbs.), \$3.50; 100 lbs., \$6.50; 500 lbs. at \$6.25.

JAPANESE MILLET. (BILLION DOLLAR GRASS.)

Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than German or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will yield about as many bushels of seed per acre as oats. The seed can be used for feed, and is specially fine for poultry.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, as picked from the field of one of our growers, gives some idea of the immense seed production—a handful of seed from every head.

Japanese Millet is one of our specialties. We have it grown for us in large quantities right here in Wisconsin and we are really headquarters for this kind of millet. No one can offer it to any better advantage than we. Give it a trial. It does well everywhere.

Prices: ½ pk., 35c; pk., 60c; bu. (40 lbs.), \$2.15; 100 lbs., \$5.00; 500 lbs. at \$4.85.

(One pound, any variety of millet except White Wonder, by mail, 20c; 3 lbs., 50c. By freight: Lb., 15c; 3 lbs., 35c. All prices on this page include bags.)

MAAMOTH RUSSIAN SUNFLOWER.

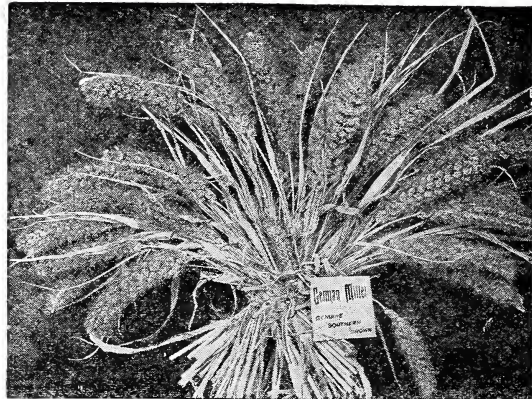
A great food for poultry and hogs. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 25c; 3 lbs. 60c. By freight: Lb., 20c; 5 lbs., 70c; 10 lbs., \$1.25; 100 lbs., \$9.00; 500 lbs. at \$8.75.

TEOSINTE.

A gigantic fodder plant somewhat resembling corn but with larger and broader leaves and sweeter stalks. Sow in May or June, two seeds in a hill, 3 to 4 feet apart each way.

Prices: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs. (enough for an acre), \$2.50 postpaid.



GERMAN MILLET.

The most popular of all millets. Grows larger than Common Millet, and is more productive. Sow ½ bushel to 3 pecks per acre. The millet crop was rather short the past season but we have a splendid stock of clean, bright seed to offer.

Prices: By mail: Lb., 20c; 3 lbs., 50c. By freight: Lb., 15c; ½ pk., 40c; pk., 70c; bu. (50 lbs.), \$2.50; 100 lbs. \$4.75; 500 lbs. at \$4.60.

COMMON MILLET. A little earlier than German Millet. Seed white instead of yellow.

Fancy Grade: Pk., 75c; bu., \$2.50; 100 lbs., \$4.75; 500 lbs. at \$4.60.

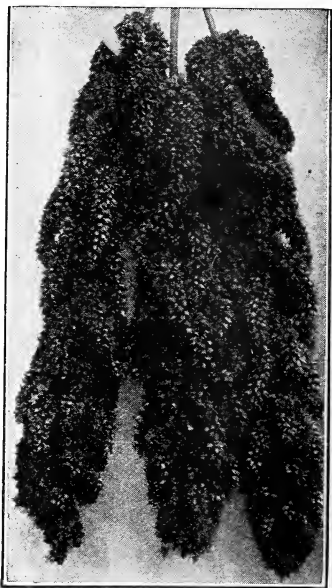
Choice Grade: Pk., 70c; bu., \$2.35; 100 lbs., \$4.50; 500 lbs. at \$4.35.

Hungarian Crop failed. No seed to offer.

SIBERIAN MILLET. Hardier and earlier than German Millet. Crop short the past season. Pk., 75c; bu., \$2.65; 100 lbs., \$5.00; 500 lbs. at \$4.85.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry, hogs and other stock.

Prices: Pk., 75c; bu., \$2.50; 100 lbs., \$4.75; 500 lbs. at \$4.60.



Japanese Millet.

Note. All Field Seed prices may be changed after February first. Ask for "Weekly Price List." As our catalog goes to press the millet crop reports are not as good as earlier in the season and prices are likely to advance.

OLDS' CLOVERS AND GRASSES



Field of Medium Red Clover in Full Bloom.

OLDS' CLOVER SEED.

High grade, re-cleaned Clover Seed is one of our specialties. Wisconsin Clover has a national reputation. The Seed World says: "Wisconsin grown red clover is in demand from all over the world, because of the fact that the seed is large of berry and is free from buckhorn." The clover seed crop the past season was small and as there is no seed being imported from Europe the demand will probably be greater than the supply. This will mean high prices, higher than the prices at this writing, December, 1917. After all, clover seed is not high as compared with other things.

Wisconsin fared better than other states, 75 per cent of a crop. We have some splendid seed to offer. This seed we have thoroughly re-cleaned, taking out the light shrunk seeds and it is all tested, and free from noxious weeds.

Right here we want to warn our customers against buying clover seed that has not been tested. You don't want to sow buckhorn. It is a noxious weed and is very common in Clover Seed. It is not safe to buy of your neighbor unless tested. Furthermore a farmer who sells you seed without having it tested violates the law and is liable to fine.

MEDIUM OR RED CLOVER.

Prices, by mail: Superb Brand: Lb., 40c; 3 lbs., \$1.45. By freight: Lb., 35c; 5 lbs., \$1.65; peck, \$4.65; bu. (60 lbs.), \$18.00; 100 lbs., \$30.00; 500 lbs. at \$29.50. Bags extra for all clovers at 45c.
Old Gold Brand: Peck, \$4.50; bu., \$17.40; 100 lbs., \$29.00; 500 lbs. at \$28.50.
Choice Brand: Peck, \$4.35; bu., \$16.80; 100 lbs., \$28.00; 500 lbs. at 27.50.

Our Superb Brand is mostly Idaho Grown and very bright and fancy, in fact the most beautiful clover we ever saw. The Old Gold Brand is mostly Wisconsin Grown and large plump seed of high germination. Prices in small quantities same as for Superb Brand.

MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer.
Prices, Old Gold Brand and Choice, 50 cents per 100 lbs, and 30 cents per bushel higher than same grades of Medium.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land.
Prices, by mail: Superb or Old Gold Brand: Lb., 40c; 3 lbs., \$1.15.

By freight: Superb Brand (Fancy Idaho grown): Lb., 35c; 5 lbs., \$1.50; peck, \$4.20; bu. (60 lbs.), \$15.90; 100 lbs., \$26.50; 500 lbs. at \$26.00.
Old Gold Brand: Peck, \$3.95; bu., \$15.30; 100 lbs., \$25.50; 500 lbs., at \$25.00.
Choice Brand: Peck, \$3.80; bu., \$14.70; 100 lbs., \$24.50; 500 lbs. at \$24.00.

OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixture.
Prices, by mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; pk., \$4.35; bu. (60 lbs.), \$16.80; 100 lbs., \$28.00; 500 lbs. at \$27.50.

WHITE DUTCH CLOVER. Desirable for pasture mixtures. Also fine for lawns. The White Clover crop was again short the past season and prices are high.

Prices—Fancy Wisconsin, by mail: Lb., 65c; 3 lbs., \$1.75. By freight: Lb., 60c; 5 lbs., \$2.80; pk., \$8.25; bu. (60 lbs.), \$31.80; 100 lbs., \$53.00.

Note: Prices are good until Feb. 1st. Ask for "Weekly Price List" after that date. Samples giving purity and germination tests, free on request. Bags extra for Clovers.




Alsike.



You Can Cut Alfalfa Three Times Each Season, Giving Four or Five Tons per Acre of the very Best Hay.

OLDS' FANCY ALFALFA SEED.

 Alfalfa is by far the most valuable new plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that, according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

The Seed. Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle imported seed at all or any inferior seed. In fact we handle only the best. Prices are higher this year than last as the crop was rather short especially in Montana and other northern states. Moreover there was a lot of poor shrunken seed grown. Look out for poor seed. "The best is the cheapest."

Do not use imported seed. American grown seed is much better adapted to our conditions and is purer. **Insist on knowing where the seed grew before you buy.** If you buy of a Wisconsin dealer he will have to give you that information anyway as the Wisconsin seed law requires it. Insist also on knowing what it tests both for purity and germination. Our seed all shows high test. If it does not germinate as well as we think it ought to we scarify it and that brings up the test wonderfully. Buy from samples showing tests. Sow 10 to 20 pounds per acre, with or without nurse crop.

PRICES OF OLDS' FANCY ALFALFA SEED.

Fancy Montana. Dry land scarified seed: Peck, \$4.15; bu., (60 lbs.), \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50.

Fancy Idaho. Pure bright scarified seed: Peck, \$3.80; bu., \$14.40; 100 lbs., \$24.00; 500 lbs. at \$23.50.

Fancy South Dakota. Dry land seed: Peck, \$3.65; bu., \$13.80; 100 lbs., \$23.00; 500 lbs., at \$22.50.

Fancy Nebraska. Very desirable seed: Peck, \$3.50; bu., \$13.20; 100 lbs., \$22.00; 500 lbs., at \$21.50.

Fancy Kansas. Beautiful pure seed: Peck, \$3.50; bu., \$13.20; 100 lbs., \$22.00; 500 lbs., at \$21.50.

Our Kansas and Nebraska grown seed is fine for purity and germination and according to experiments by the Wisconsin Agricultural Station is just as hardy for Wisconsin as Northern grown seed, while the prices are much less.

Any of the above—By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; 3 lbs., 90c; 5 lbs., \$1.40.

Alfalfa prices are good for January only. Ask for "Weekly Price List" after Feb. 1st. Also ask for samples, showing purity and germination tests. Bags are extra at 45 cents each.

Note—"Alfalfa in the Northwest," a 36-Page Illustrated Book, discussing varieties adapted to northern sections, general value of alfalfa, preparation of seed bed, seeding, amount to sow, when to cut, etc. Free Postpaid to Our Customers On Request.

"Alfalfa in the Corn Belt," a 12-Page Book by Prof. Holden, also Free for the Asking.

STANDARD INOCULATION.

INOCULATE YOUR SEED FOR 50 CENTS PER ACRE AND MAKE SURE OF A CROP.

Alfalfa can be successfully grown on some part of almost every farm in the country by using good seed, thoroughly inoculated just before sowing. Alfalfa does not succeed without the alfalfa bacteria. Transfer of soil for inoculation is usually effective but is troublesome and expensive. Furthermore, it allows the spreading of weeds, also crop and soil diseases.

We are glad to be able to again offer Standard Seed Inoculation at only 50c per acre and guaranteed to produce results equal to any inoculation on the market. Seed for ten acres can be thoroughly inoculated in ten minutes.

This is the fifth season we have catalogued Standard Inoculation with the standing offer to refund after one year's time money paid us for inoculation if the results were not entirely satisfactory. We have never been asked to make any refund.

Standard Inoculation is prepared for over 30 legume crops in 5 acre and 1 acre sizes. We have combination cultures as below for the principal legume crops. Mention the crop you want it for.

No. 2, for Red, Crimson, Alsike, Mammoth and White Clovers.

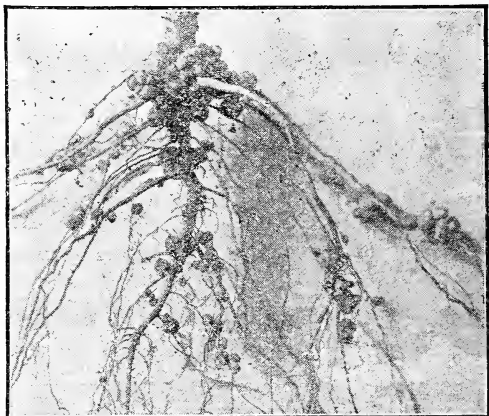
No. 4, for Alfalfa and Sweet Clover.

No. 6, for Vetch and Canada Field Peas.

No. 8, for Soy Beans and Cow Peas.

No. 10, for Garden Peas, Beans and Sweet Peas.

Prices for all Standard Inoculation: 1 acre size, 50c. By mail, 55c. 5 acre size, \$2.50. By mail, \$2.65. 8-Page Circular, "Grow Better Crops And Insure Your Land," Free on Request.



Nodules produced with Standard Inoculation.

GRIMM ALFALFA. (The Alfalfa for Northern Latitudes.)

The Variety of Alfalfa known as Grimm is the hardiest of all varieties and best adapted to the Northwest.

History. The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hays, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardiness and adaptability to Minnesota conditions. At one time Prof. Hays had advised farmers that it was not worth while to attempt growing alfalfa in the Northwest. Mr. Grimm had never heard of this advice and in his 25 years' experience with alfalfa had not discovered that it was not adapted to Minnesota conditions.

Characteristics. Grimm Alfalfa may be distinguished from common alfalfa:

First, By the fact that the blossoms are variegated in color, yellow, green, blue, brown, etc., instead of all purple.

Second, By its branching root system instead of the long straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.

Third, By its stronger growth and larger top and more spreading top. The picture shows this.

Superiority of Grimm Alfalfa. We have mentioned hardiness. In 1914 at the Wis. Ex. Station 16 plots were seeded to alfalfa with various strains of seed coming from Kansas, Nebraska, Montana and the Dakotas, including four plots sown with variegated seed, two Grimm and two Baltic. All the 16 plots made fine stands the first season and in 1915 all gave excellent yields. But the winter of 1916, which was a severe one, took its toll. The four plots sown with the variegated varieties were the only ones that came through in good shape. The winterkilling on those was very slight, an average of 27 per cent, and as the remaining plants started early in the spring and spread out rapidly the injury was not noticeable. These four plots yielded an average of 6045 pounds of cured hay that year whereas the other 12 plots all winter killed badly, and yielded only 4470 pounds of hay per plot.

Prof. Graeber, Alfalfa expert at the Wisconsin Station, is very enthusiastic over Grimm seed and seems to think that within a few years farmers of Wisconsin and other northern states will sow nothing else. He does not advise sowing the much advertised Cossack alfalfa, another variegated variety, as he says the Grimm has thus far proven to be just as good and the seed is much cheaper. Nor does he find the Baltic any better than the Grimm and the seed of that is also scarce.

Our Grimm Seed is the Genuine. All the seed we have to offer this year comes from three alfalfa farmers in different sections of South Dakota. Their names are F. C. Kemper, J. C. Parkin and Elmer Hawks. All are big farmers. Two of them have furnished us nearly a carload of seed each, all grown on their own land and all genuine Grimm. We have secured from each one of these three men an affidavit stating that the original seed they used was bought for genuine Grimm seed and giving the source of supply which we have traced up and found to be reliable and also setting forth the fact that their alfalfa while growing showed all the Grimm characteristics as noted above. We have gone further and secured from local banks and other authorities endorsements as to the honesty and integrity of each one of these men. You can therefore order our seed with absolute confidence that you are getting genuine Grimm.

One of our growers, Mr. F. C. Kemper, writes as follows:

"I have been growing alfalfa seed in South Dakota 10 years. I secured my original stock of Grimm seed through the S. D. Agricultural College. The seed of Grimm alfalfa is not distinguishable from the seed of common but a field in bloom is easily distinguished by an expert grower. Grimm makes a much more rapid growth after cutting than common. As to hardiness it has proven its superiority over all common as far north as the Arctic circle. I consider true Grimm far superior to either Cossack or Baltic. Cossack does not recover as quickly as Grimm after cutting and it is more woody. The Baltic lacks vigor of growth. Have had the Cossack in my trial grounds for 3 years and make observations on the Baltic in fields of two of my friends.

"The Grimm requires less seed per acre than common alfalfa; three to eight pounds is what I use. There are no noxious seeds in my seed that I know of. It is free from dodder. There seems to be considerable seed sold as Grimm which is not true Grimm. We look after our fields for adulterations as carefully as any breeder of blooded live stock looks after his herd and our seed is guaranteed to be absolutely free from any other alfalfa."

Mr. J. C. Parkin, writes:

"Of all crops with which I have had experience, alfalfa, at least the Grimm variety, to which my experience has been confined, is in a class by itself as a crop capable of making a luxuriant growth during long periods of drought on moisture stored in the soil. In the year of 1917 with less than an inch of rainfall after the fifteenth of May I grew six-five acres of alfalfa that produced one ton of hay per acre the first crop and three bushels of seed the second crop. In the same season I had thirty acres the first crop of which was left for seed that produced 8½ bushels of seed per acre. While this was my banner year the yield would have been as good other seasons had it not been for hail.

"One need have no fear of the Grimm alfalfa winterkilling. In the eight years that I have been growing it none has winterkilled."

We advise every farmer in the North who appreciates the value of alfalfa to sow Grimm seed. The seed goes further than common seed so there is not much difference in the expense.

PRICES OF GRIMM ALFALFA.

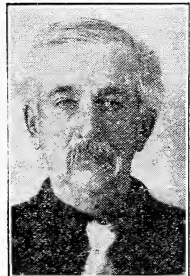
By mail: Pkt., 10c; ¼ lb., 20c; 1b., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.50; pk., \$6.60; bu. (60 lbs.), \$25.80; 100 lbs., \$43.00; 500 lbs. at \$42.50.

Montana Variegated Alfalfa. We have a limited stock of a very fancy strain of dry land Montana grown alfalfa that produces variegated blossoms the same as the Grimm. This strain is we think as hardy and as good in every way as the Grimm although we did not buy it for Grimm. We are able to offer it at a considerably lower price.

Prices, by mail: Lb., 55c; 3 lbs., \$1.50. By freight: Lb., 50c; 5 lbs., \$2.00; pk., \$5.10; bu., \$19.80; 100 lbs., \$33.00; 500 lbs., at \$32.50.



An Alfalfa Variety Test in Northern Minnesota. "Each Pile Represents two Representative Square Rods. Grimm: Yield Per Acre, green weight 11552 pounds. Common: Yield Per Acre, green weight, 3232 pounds. The Grimm stand is perfect while the Common is thin. The Grimm Plants are also much Growthier."—Hoard's Dairyman.



J. C. Parkin, who grew 8½ bushels of Grimm seed per acre from 30 acres last season.



H. E. Krueger, Wisconsin's Most Famous Grain Grower and also Enthusiast for Northern Alfalfa.

SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover is all the rage. It is more popular than ever and is getting to be a standard crop nearly everywhere. "No longer a despised weed."

A few of the reasons why sweet clover is valuable:

1. It grows readily on most all soils and locations. In fact it grows on poor soils where nothing else will grow. Every farmer who has some waste land should certainly sow some.

2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop.

3. Sweet Clover brings land up rapidly and fits it not only for alfalfa but for crops of all kinds. Those who have grown corn after both sweet clover and alfalfa say that the sweet clover brings more fertility than the alfalfa. As a soil renovator it has no equal.

4. It can be pastured while alfalfa cannot.

5. Cattle and hogs both very soon acquire a taste for sweet clover and thrive on it. All stock relish it when once taught to eat it.

6. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.

7. Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

Prof. Evvard of the Iowa Experiment Station says: "In my experience and observations, sweet clover has proved itself to be an exceptional forage crop for certain soil conditions, and I know from experience that stock will eat it."

Prof. J. G. Mosier, University of Illinois, says: "It grows more luxuriantly, producing more tops, roots and seed than any other of our biennial clovers, and apparently under more adverse conditions; it is one of the best nitrogen gatherers and subsoilers; it is the greatest seed producer of all clovers, and in a sweet soil will resist drought better than any other of these clovers."

Sow 15 to 30 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable. Hulled seed is preferable to unhulled as it germinates more readily. Scarifying the seed also makes it germinate better. We have a machine for scarifying and use it on all our seed before sending out. The seed should be inoculated for best results. See below, also page 26.

Prices: Hulled Seed, Scarified, White Blossom. By mail: Lb., 45c; 3 lbs., \$1.25. Freight: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 100 lbs., \$30.00; 500 lbs., at \$29.50.

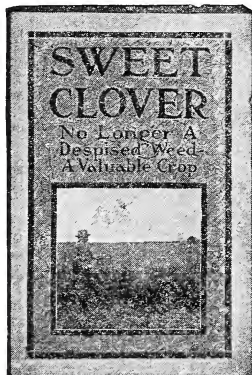
Bags are extra for all clovers at 45 cents each. Ask for "Weekly Price List" after February 1st. Also ask for samples giving official tests.

"SWEET CLOVER, No Longer a Despised Weed—A Valuable Crop."

A very attractive and very valuable 64-page book by Prof. Holden and others. Explains fully the agricultural value of Sweet Clover, gives the experiences of practical farmers who are growing and feeding it and tells all about the culture of the crop. Every progressive farmer should have a copy. We furnish it free to all our customers who are interested in the subject of Sweet Clover.



Mr. McDougall examining a field of sweet clover adjoining a field of oats on his farm near Danforth, Illinois. Note the comparative size of the sweet clover and the shock of grain.



The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D DEC 6 1898 NO 32217

Restores and Maintains Soil Fertility



Nitragin is the original Pure Culture, discovered by Nobbe and Hiltner, famous German bacteriologists. It has been perfected by 20 years of scientific testing, in the laboratory and on the farm. Has been widely advertised during all this time and is well known throughout the country.

Its use means a good catch and a good stand of clover, alfalfa, cow peas, soy beans, peas, beans, vetch, sweet peas, and all other legumes. Inoculated with NITRAGIN they take nitrogen, the most expensive of fertilizers, from the air and store it in the soil for future use.

Remember, all leguminous crops should be treated with either Nitragin or Standard Inoculation.

Nitragin is prepared for the different leguminous crops in different sizes as follows. Mention the one you want.

Culture A, for Alfalfa and Sweet Clover.

Culture B, for Red, Mammoth, Alsike, Crimson and White Clover.

Culture C, for Vetch, Field Peas and Garden Peas.

Culture D, for Field Beans and Garden Beans.

Special Soy Bean Culture, for Soy Beans.

Special Cow Pea Culture, for Cow Peas.

Special Sweet Pea Culture, for Sweet Peas.

PRICES OF ALL NITRAGIN CULTURES FOR 1918.

Garden Size (For Peas, Beans and Sweet Peas only) 30c; by mail, 35c. 1/2 Acre Size, 50c; by mail, 55c. 1 Acre Size, \$1.00; by mail, \$1.05. 2 Acre Size, \$1.80; by mail, \$1.90. 5 Acre Size, \$4.00; by mail, \$4.15. 10 Acre Size, \$7.50; by mail, \$7.75.

OLDS' HIGH GRADE TIMOTHY.

TIMOTHY SEED is one of our specialties. We are buying and cleaning all the time the best Wisconsin grown seed and we are in position to furnish pure clean seed at the lowest possible prices.

The prices named here are subject to change. They may be higher. Our Old Gold Brand represents the best, Choice Brand next best. The Choice may test just as well as the Old Gold but not be as bright in appearance. Ask for samples giving exact official tests. Bags are extra at 45 cents each.

Prices, Old Gold Brand: By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 5 lbs., 75c; pk., 1.20; bu. (45 lbs.), \$1.50; 100 lbs., \$10.00; 500 lbs. at \$9.75.

Choice Brand: Bu., \$1.30; 100 lbs., \$9.50; 500 lbs. at \$9.25. Timothy & Alsike Mixed (3/4 Alsike): Pk., \$1.75; bu., (45 lbs.) \$6.30; 100 lbs., \$14.00; 500 lbs. at \$13.75.

Prices of all the following include sacks.

BROME GRASS. (BROMUS INERMIS.)

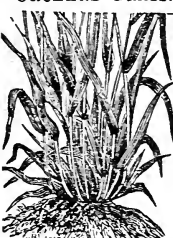
Yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. Our seed is very choice, absolutely free of quack.

By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 100 lbs., \$20.00; 500 lbs., at \$19.50.

ORCHARD GRASS. Withstands drouth, will grow in the shade, and does well on poor land.



ORCHARD GRASS.



(Bromus Inermis)

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 10 lbs., \$2.75 bu., (14 lbs.), \$3.75; 100 lbs., \$25.00; 500 lbs., at \$24.50.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; bu., (14 lbs.), \$3.75; 100 lbs., \$25.00.

RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns. Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 30c; 3 lbs., 85c. By freight: Lb., 25c; 10 lbs., \$1.85; 100 lbs., \$16.00.

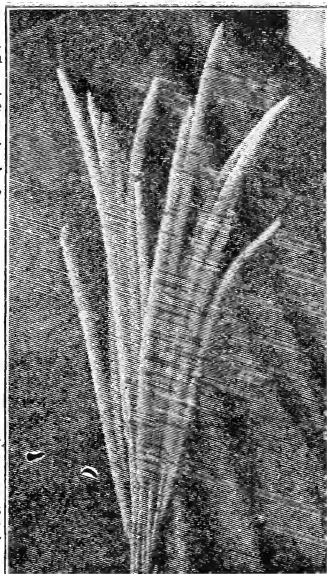
Unhulled Seed. By freight: Bu., (14 lbs.), \$1.50; 100 lbs., \$9.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade. By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 10 lbs., \$1.35; 100 lbs., \$11.00.

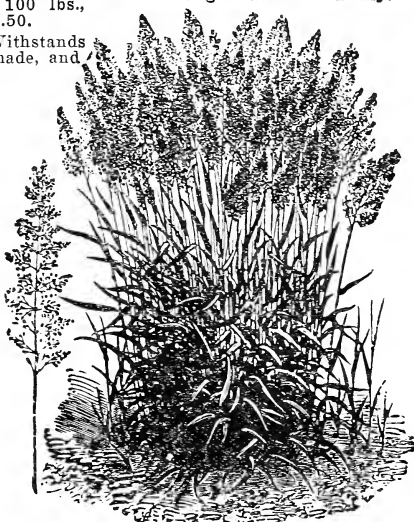
ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth. By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$12.50.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$12.50.

MEADOW FESCUE. (English Blue Grass.) By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$22.00.



Olds' High Grade Timothy.



Red Top.

CREeping BENT. Crop very short. By mail: Lb., \$1.00; 3 lbs., \$2.75. By freight: Lb., 95c; 10 lbs., \$8.00; 100 lbs., \$75.00.

CREsted DOGSTAIL. By freight: Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$25.00.

SLENDER FESCUE. Fine for lawns. By freight: Lb., 50c; 10 lbs., \$4.50; 100 lbs., \$42.00.

ROUGH STALKED MEADOW. By freight: Lb., 65c; 10 lbs., \$6.00; 100 lbs., \$57.50.

MEADOW FOXTAIL. Valuable for low ground. By freight: Lb., 50c; 10 lbs., \$4.50; 100, \$40.00.

TAIL MEADOW OAT GRASS. For dry soils. By freight: Lb., 35c; 10 lbs., \$3.00; 100, \$26.50.

OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Blue Grass, and others. By freight: Lb., 30c; 10 lbs., \$2.15; 25 lbs., \$4.85; 100 lbs., \$19.00; 500 lbs. at \$18.50.



Olds' Meadow Mixture.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out. By freight: Lb., 30c; 10 lbs., \$2.10; 25 lbs., \$4.75; 100 lbs., \$18.50; 500 lbs. at \$18.00.



View of Wisconsin's New \$7,000,000.00 Capitol and the Capital Park.

OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use pulverized sheep manure or "All Soluble" lawn fertilizer or Bone Meal. Every lawn, new or old, needs fertilizer. See page 90.

OLDS' CAPITAL LAWN GRASS.

Everyone who visits Madison in the summer time is filled with admiration not only for the beautiful and magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grade of seed that was used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say "That is certainly good enough for me."

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.

OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and most of the new private lawns in Madison are from this seed.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.

OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Slender Fescue, Crested Dogtail, Rough Stalked Meadow, etc.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$33.00.

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of nearly the same high-priced grasses as those used in our Madison Parks Lawn Grass with the addition of Pacey's Rye Grass. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn, and as the best for golf links.

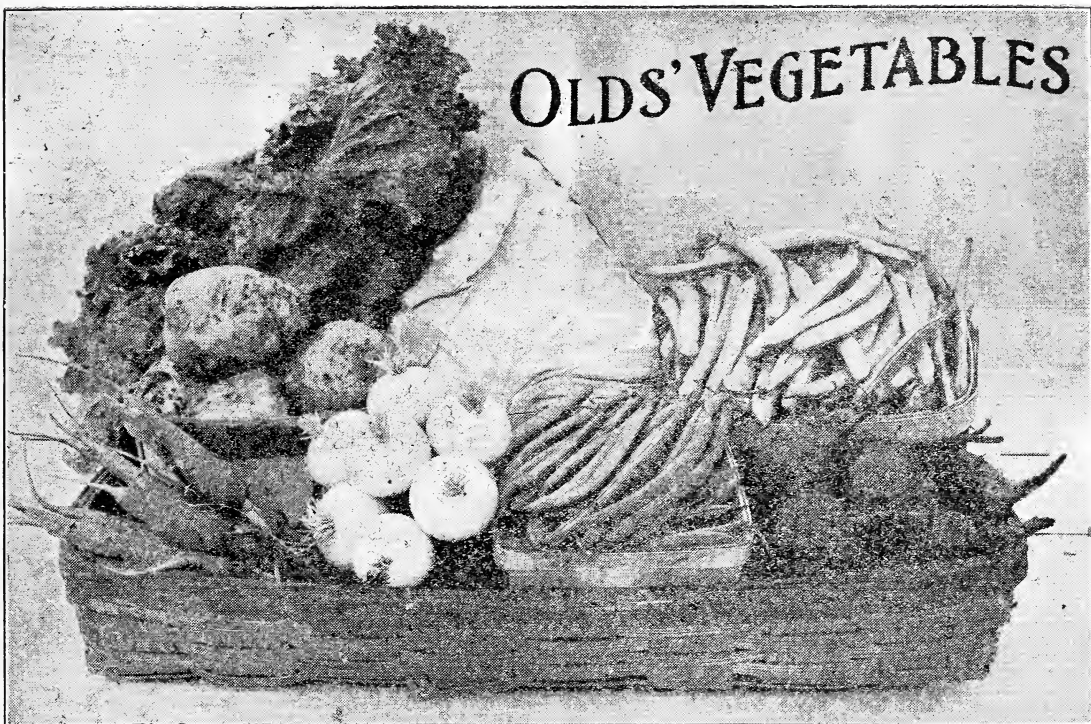
By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$23.00.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the above, although all right too for a permanent lasting growth.

By mail: Lb., 30c; 3 lbs., 85c. By freight: Lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.10; 100 lbs., \$19.00.





Olds' Seeds are grown for seed purposes only and are equal to any offered. We catalog only varieties of merit and have selected from the list "Olds' Wisconsin Standards," those that we know can be relied on,—see next page.



Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a star (★) those we especially recommend for general cultivation.

OUR GARDEN SEED PRICES INCLUDE POSTAGE TO ANY POINT IN THE UNITED STATES—AND ITS POSSESSIONS, ON SEED ORDERED BY THE PACKET, OUNCE, QUARTER-POUND, POUND AND UP TO FIVE POUNDS IN WEIGHT, UNLESS OTHERWISE NOTED.

CONCERNING DISCOUNTS AND PREMIUMS: We have decided this year to withdraw the discounts on packets and ounces previously offered and henceforth list our Garden Seeds at net prices, giving in each instance true value and furnishing seed of highest quality.

It is necessary owing to short crop and increased cost of production to advance prices somewhat all along the line but by cutting out discounts, as heretofore offered, we are able to keep our prices a little lower than otherwise and our customers get the benefit.

Now is the time to make seeds, as well as other things, go as far as possible. Our packets are liberal in size and in most cases contain plenty of seed for one planting. In order to encourage ordering of seeds in packets in larger number, we make the following liberal **Premium Offers**:

Send \$1.00 and select vegetable seeds, in packets, to the value of \$1.25.

Send \$2.00 and select vegetable seeds, in packets, to the value of \$2.60.

Send \$3.00 and select vegetable seeds, in packets, to the value of \$4.00.

Get your friends and neighbors to club with you in sending their orders and get \$4.00 worth of seeds, in packets, for \$3.00.

The above will take the place of our former discount offers and will amount to practically the same as far as packets are concerned, but seeds in ounces, quarter-pounds, pounds, in short, everything in larger quantities than packets, are absolutely net, and no discount or premiums will be allowed.

If your garden seed order amounts to \$10.00 or more, you are entitled to market gardeners' prices and should send for our market gardeners' net price list—free on request.

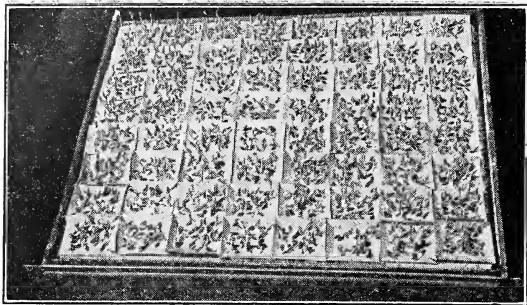
Prices from the market gardeners' list and special prices are net and not entitled to Premium Offers.

L. L. Olds Seed Company never knowingly send out seeds which will not grow or that are not in every way as represented, but there are conditions over which we have no control; therefore we give no warranty express or implied, as to description, purity, productiveness, or any other matter, of any seeds we send out, and will not be responsible for the crop, further than the amount of the order.

Seed crops in general were short the past season in common with all other crops. The Garden Seed crops hardest hit were Beans, Cabbage, Sweet Corn, Peas, Pepper, Radish and Melons. We advise our friends to place their orders early as there will be a tremendous demand.

In new vegetables for 1918 we are pleased to offer such promising sorts as Extra Early Osage Muskmelon, Saxa Radish, Easy Blanching Celery, Narrow Grained Evergreen Sweet Corn, Manyfold Tomato, a new Japanese Spinach and a new Turnip. We also offer several new varieties of Flowers.

We are pleased to receive photographs and reports of fine gardens and vegetables at all times. Let us know how your garden turns out.



All of our garden seeds are tested for germination, as shown in illustration, and nothing sent out that does not show a good test. We are careful to give the seeds the same temperature and moisture that they would have under normal conditions in the open ground.

Our seeds are put up fresh each year and the stock number, letter and year is stamped on every package.

OLDS' WISCONSIN STANDARDS

30 packets (amounting to \$2.25) for \$1.50.

We have selected the following sorts as those best adapted to the home garden. They are also desirable for the market gardener. "Olds' Wisconsin Standards" are not untried novelties—we know from personal experience that each is among the best of its class. There are 30 varieties of "Olds' Wisconsin Standards" as follows:

	Pkt.		Pkt.
BEEF (41). Olds' Improved Blood Turnip	\$.05	SPINACH (402). Bloomsdale	\$.05
BEEF (51). Crosby's Egyptian	.05	SQUASH (413). Olds' Golden Hubbard	.05
CABBAGE (70). Olds' Early Jersey Wakefield	.10	TOMATO (429). The Matchless	.05
CARROT (101). Early Short Top	.10	TURNIP (465). Olds' Purple Top White Globe	.05
CUCUMBER (160). Olds' Early White Spine	.05	BEANS (15). Olds' Stringless Green Pod	.10
CUCUMBER (158). Olds' Improved Chicago Pickling	.05	BEANS (24). Olds' Pencil Pod Wax	.10
LETTUCE (215). Olds' Earliest Forcing	.05	ONION (280). Olds' Golden Globe	.10
LETTUCE (220). Early Prize Head	.05	ONION (281). Olds' Silver Globe	.10
MUSKMELON (239). Olds' Select Osage	.05	ONION (282). Olds' Crimson Globe	.10
WATERMELON (262). Cole's Early	.05	PARSLEY (307). The Arlington	.05
PEPPER (350). Olds' Ruby King	.15	PARSNIP (310). Olds' Improved Guernsey	.10
PUMPKIN (361). Olds' Quaker Pie	.05	SWEET CORN (137). Olds' Ideal Early	.15
RADISH (373). Olds' Improved French Breakfast	.05	SWEET CORN (146). Olds' White Evergreen	.10
RADISH (376). Olds' Crimson Giant	.05	PEAS (325). Nott's Excelsior	.10
RADISH (385). Best White Icicle	.05	PEAS (326). Olds' Improved Stratagem	.10

In order to induce every one to give "Wisconsin Standards" a trial, we offer one packet of each, amounting at catalog prices to \$2.25 for \$1.50. By express or freight, not prepaid, \$1.25. For \$1.00 we will send postpaid 22 packets, one packet of each—excepting the Peas, Beans and Sweet Corn and leaving out one each of the Radishes and Onions. Olds' Wisconsin Standard Collection is a special offer and is not entitled to any premium.

OLDS' ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Each Packet contains 1/4 oz. of seed and will plant 15 feet of drill; two to three pounds an acre. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots, 25, 45c; 100, \$1.35. By express or freight, not prepaid: 25, 35c; 100, \$1.00; 1,000, \$6.50. SEED: Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 45c.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots: Doz., 30c; 25, 50c; 100, \$1.40. By express or freight, not prepaid: 25, 40c; 100, \$1.10; 1,000, \$7.00. SEED: Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c.

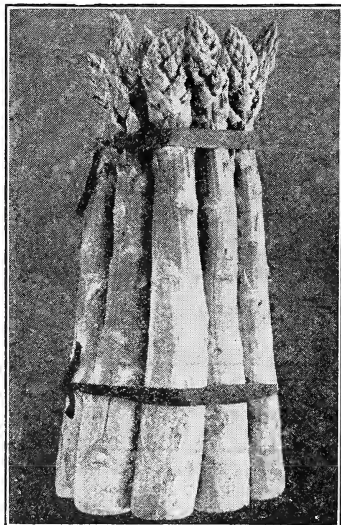
3. **BARR'S MAMMOTH.** Large and productive; grows twice as large as Conover's Colossal. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 45c.

4. **BONVALLET'S GIANT.** This new asparagus has proved to be in great demand; its flavor, size and whiteness place it ahead of any other. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

We can furnish roots of Conover's Colossal, Columbian Mammoth White and Palmetto—50 of a kind at the 100 rate; 500 at the 1,000 rate. Special prices on larger lots on application.

A NEW DEPARTURE. We try to make our catalog easy to order from and many of our customers write they like the way it is arranged, because it is not as confusing as others. In order that customers may know the exact quantity they are ordering, we have decided to list Beans, Peas and Corn by weight instead of by measure as heretofore.



Columbian Mammoth White.

CULTURAL DIRECTIONS are printed on the back of each packet and ounce package of garden and flower seeds.

"Olds' Catalog Tells the Truth."

BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets contain two ounces each, and will plant from 10 to 15 feet of drill. One pound will plant 100 to 150 feet of drill; $1\frac{1}{4}$ bushels one acre.

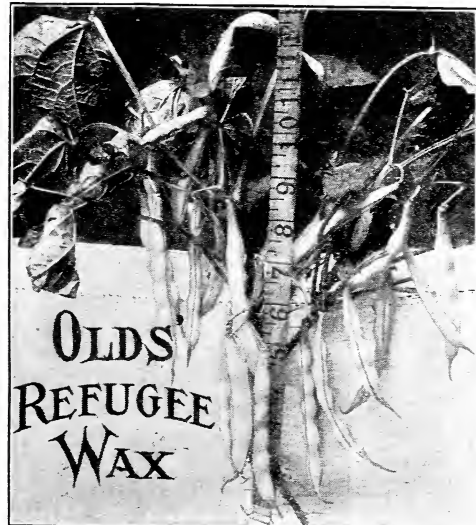
BEAN SHORTAGE! We regret to report short crops of Beans again, due to unfavorable weather conditions and high price of seed last year. The supply this year will not near equal the demand. We therefore advise customers to secure their seed early, before stocks have become exhausted.



13. **BOUNTIFUL.** A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., (2 oz.), 10c; 2 pkts. ($\frac{1}{4}$ lb.), 15c; lb., 35c; 2 lbs., 65c.

20. **IMPROVED GOLDEN WAX.** The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, while the color is a rich golden-yellow. It is valuable for both home and market gardening. Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lb.), 15c; lb., 40c; 2 lbs., 70c.

20½. **★OLDS' STRINGLESS WAX POD.** A new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod. Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, are light yellow in color, well filled and meaty: they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.



We have been growing this bean for several years and by careful roguing and selection have greatly improved it, but the crop last season, in common with the crop of other varieties of beans, was almost a failure, so that we can offer it only in a limited way. Price for 1918: pkt., 15c; 2 pkts., ($\frac{1}{4}$ lb.), 25c; lb., 40c; 2 lbs., 75c.

29. **OLDS' REFUGEE WAX.** A strong bush and very productive. The pods are five inches long, slender, nearly round, light golden yellow in color, solid, brittle and stringless. It is an early bean and should be in every home garden. Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lb.), 15c; lb., 40c; 2 lbs., 70c.

See page 36 for prices by express or freight, not prepaid.

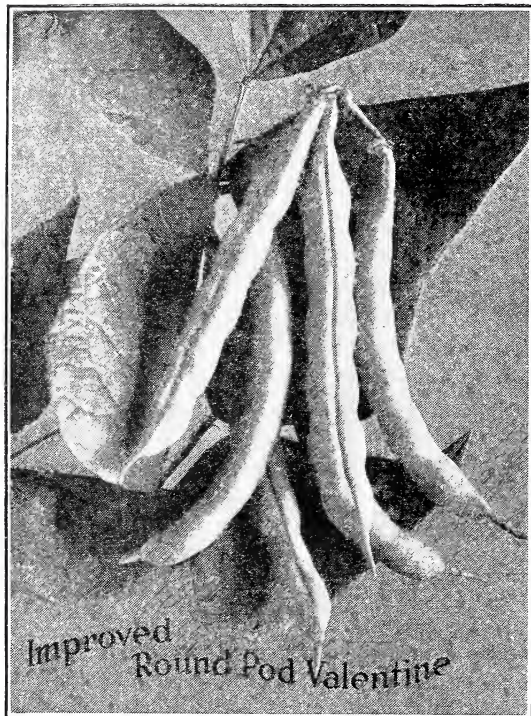
If more than \$10.00 worth of beans are wanted, write for Market Gardeners' net price list—free on request.



ORDER EARLY. It will be an advantage to our customers and convenient to us, if seed orders are sent in early. We aim to fill orders the same day they are received, but during the rush season this is not always possible.

REMEMBER. We pay the postage regardless of zone, on seeds ordered by the packet, ounce, quarter-pound, pound, and up to five pounds in weight, unless otherwise noted.

"OLDS' CATALOG TELLS THE TRUTH."

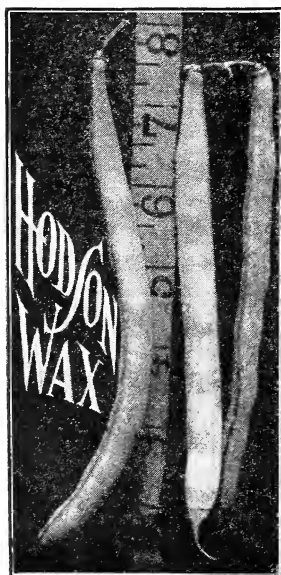


12. Pkt., 10c; 2 pkts., 15c; lb., 35c; 2 lbs., 65c.

24. ★OLDS' PENCIL POD WAX. This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 40c; 2 lbs., 70c.

14. THE LONGFELLOW. A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.

☛ If your order for garden seeds amounts to \$10.00 or more, send for our market gardeners' net price list before ordering.

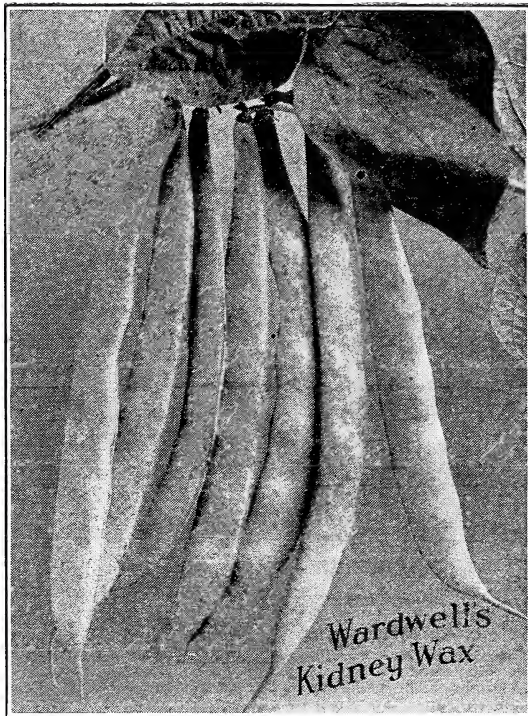


Remember garden seed prices include parcel postage, unless otherwise noted.

25. ★OLDS' ROUND POD KIDNEY WAX. A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 40c; 2 lbs., 75c.

27. NEW HODSON WAX. The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lbs., 40c; 2 lbs., 70c.

Beans weigh 60 lbs. to the bushel (Wisconsin legal weight), except Lima Beans, which weigh 56 lbs. A pint of beans weighs a little less than one pound and a quart a little less than 2 pounds. One pound will plant 100 feet of drill.



23. Pkt., 10c; 2 pkts., 15c; lb., 40c; 2 lbs., 75c.

16. OLDS' BEST OF ALL BUSH. One of the finest and most productive of all the Green Pod Bush varieties. The plants grow erect, 18 to 20 inches in height, bearing a profusion of long, straight pods, well above the soil. The pods are fleshy. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof. Grown side by side with other wax beans, this variety remained entirely free from rust. It is early and productive; the pods are straight, rather flat, five inches long, of a light golden yellow color; of very fine flavor and excellent quality; crisp, tender and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 40c; 2 lbs., 70c.





34. **BURPEE-IMPROVED BUSH LIMA.** Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 40c; 2 lbs., 70c.

30. **★BURPEE'S BUSH LIMA.** A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 40c; 2 lbs., 70c.

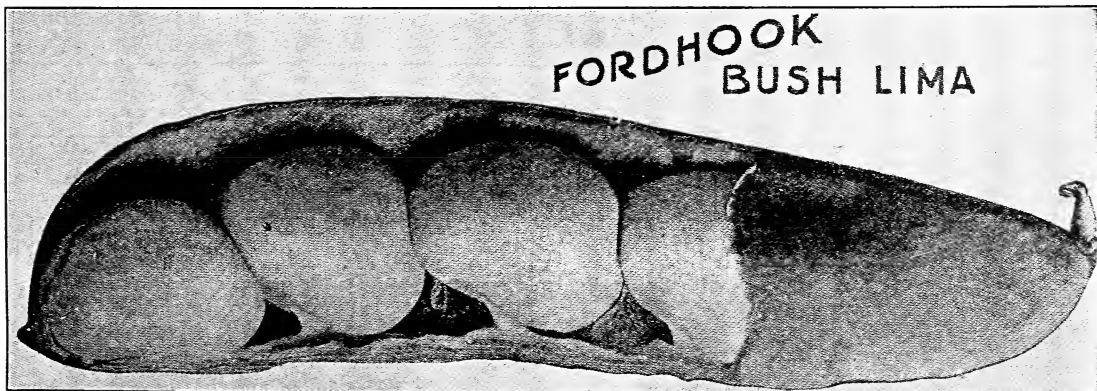
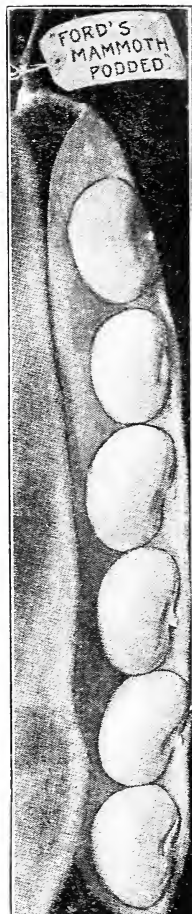
33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 35c; 2 lbs., 65c.

33½. **GREEN SEEDED CARPINTERIA.** The most perfect Pole Lima Bean. Very productive, producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 35c; 2 lbs., 60c.

36. **LAZY WIFE POLE.** A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 40c; 2 lbs., 75c.

Instead of the little booklet on cultural directions, we are printing, this year, directions for planting and cultivating on the back of each packet and ounce package.

The Best Seeds that grow are sold by Olds.



34½. **FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans (illustrated above) and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., (2 oz.), 10c; 2 pkts., (½ lb.), 15c; lb., 40c; 2 lbs., 75c.

WE PAY PARCEL-POST CHARGES on all garden and flower seeds, offered by the packet, ounce, quarter-pound, pound and up to five pounds in weight. We are centrally located and can pay the postage, without increasing the cost of the seed, as much as some others. Catalogue prices include postage to destination, unless otherwise noted.

HOME FLORICULTURE. A 175-page illustrated book, telling how to grow and cultivate flowering plants.

Price, 25c, or free with an order for flower seeds, plants and bulbs, amounting to \$2.00 or more.

Order by number. The number at the left of each variety, if used, will help in filling orders.

Kentucky Wonder Wax

Kentucky Wonder Wax. Pkt., 10c; 2 pkt., 15c; lb., 40c; 2 lbs., 70c.

BEANS. Full List.

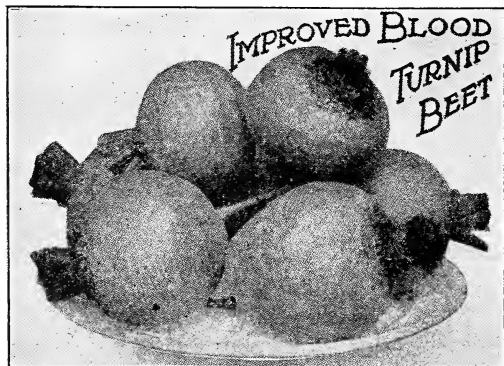
7½ pounds and 30 pounds at 15 pound and 60 pound rates.

	By parcel post.			By frt. or exp. not prepaid.		
	Pkt.	Lb.	2 lbs.	2 lbs.	15 lbs.	60 lbs.
10. EXTRA EARLY REFUGEE. Early, hardy and productive.....	\$0.10	\$0.35	\$0.60	\$0.50	\$3.80	\$
11. ROUND YELLOW SIX WEEKS. Early, very productive.....	.10	.35	.60	.50	3.55	
12. IMPROVED ROUND POD VALENTINE. An improved strain. Page 34.....	.10	.35	.65	.55	3.90	15.50
13. BOUNTIFUL. A new stringless bush bean, early, tender.....	.10	.35	.65	.55	4.00	
14. LONGFELLOW. The new green pod. Page 34.....	.10	.30	.55	.45	3.40	13.50
15. ★STRINGLESS GREEN POD (Burpee's.) Best green pod.....	.10	.35	.65	.55	3.80	15.00
16. OLDS' BEST OF ALL BUSH. Page 34.....	.10	.35	.60	.50	3.55	
17. BLACK VALENTINE. A greatly improved Valentine.....	.10	.30	.55	.45	3.30	13.00
18. TENNESSEE GREEN POD. A long, broad, bright green podded variety.....	.10	.30	.55	.45	3.20	13.00
19. REFUGEE, OR 1000 TO 1. Medium early and very prolific.....	.10	.35	.65	.55	4.00	15.85
20. IMPROVED GOLDEN WAX. A very popular bean.....	.10	.40	.70	.60	4.45	17.75
20½. OLDS' STRINGLESS WAX POD. A brand new wax pod bean. Page 33.....	.15	.40	.75	.65	5.00	
21. IMPROVED BLACK WAX. Early and very prolific.....	.10	.40	.70	.60	4.40	17.50
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.....	.10	.40	.75	.65	4.75	
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.....	.10	.40	.75	.65	5.00	
24. ★OLDS' PENCIL POD WAX. A fine wax pod. Page 34.....	.10	.40	.70	.60	4.65	
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early.....	.10	.40	.75	.65	5.00	
27. HODSON WAX. Never affected by rust or blight. Page 34.....	.10	.40	.70	.60	4.40	17.50
28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof.....	.10	.40	.70	.60	4.35	17.25
29. OLDS' REFUGEE WAX. See illustration page 33.....	.10	.40	.70	.60	4.30	17.00
29½. VALENTINE WAX. A splendid prolific second-early.....	.10	.35	.65	.55	4.00	15.85
30. ★BURPEE'S BUSH LIMA. True bush lima—no poles.....	.10	.40	.70	.60	4.40	17.50
31. HENDERSON'S BUSH LIMA. The earliest bush lima.....	.10	.35	.65	.55	4.15	16.50
32. KING OF THE GARDEN LIMA. The favorite pole lima.....	.10	.35	.65	.55	4.20	
33. FORD'S MAMMOTH PODDED. A large podded pole lima.....	.10	.35	.65	.55	4.05	16.00
33½. GREEN-SEEDED CARPINTERIA. A perfect pole lima.....	.10	.35	.60	.50	3.80	15.00
34. BURPEE-IMPROVED BUSH LIMA. The largest lima.....	.10	.40	.70	.60	4.65	18.50
34½. FORDHOOK BUSH LIMA. The most prolific bush lima.....	.10	.40	.75	.65	5.00	
35. BEST OF ALL POLE (White Creaseback.) The best early.....	.10	.35	.60	.50	3.80	15.00
36. LAZY WIFE POLE. The most popular pole bean.....	.10	.40	.75	.65	5.00	
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.....	.10	.40	.75	.65	5.00	
38. KENTUCKY WONDER. A very popular pole bean.....	.10	.35	.65	.55	4.05	16.00
38½. KENTUCKY WONDER WAX. The best pole wax. Illustrated above.....	.10	.40	.70	.60	4.55	18.00
39. SCARLET RUNNER. An ornamental snap pole bean.....	.10	.35	.65	.55	4.15	16.50

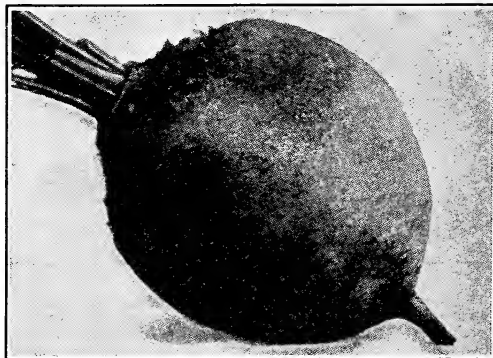
NOTE! Lima beans weigh 56 lbs. to the bu., but above prices are for 15 lbs. and 60 lbs., for all varieties.

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain ¼ oz., of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Order by number.



41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet. The Early Blood Turnip Beet is one of the most popular of the early sorts. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



44½. JOHNSONS' DEFIANCE. A very highly-selected strain. Root perfect in shape—illustrated above. Has the same color and characteristics as Eclipse but is finer in the top and more uniform in shape. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

Page 38 for price of Beets by express or freight, not prepaid.



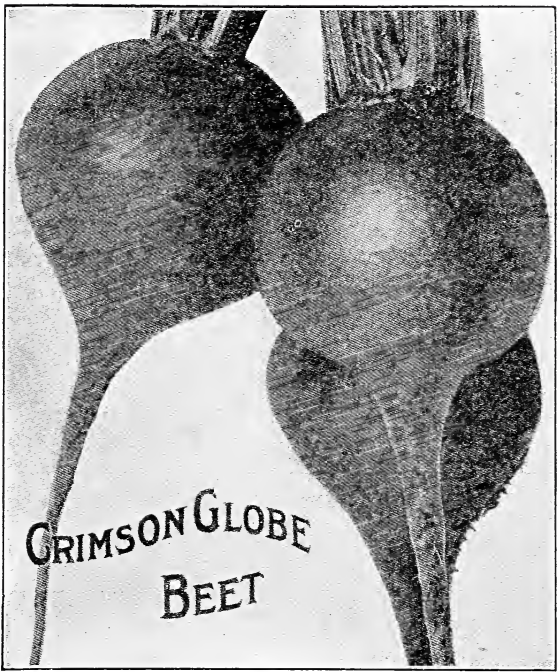
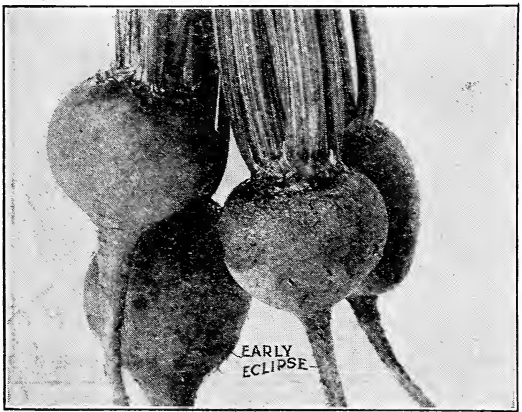
54½. OLDS' DANISH BLOOD TURNIP. A grand new table beet combining perhaps more good qualities than any other round variety. It is a handsome beet, fine grained, with blood-red flesh. Very early, tender and makes a splendid pickling sort. It retains its crispness and freedom from woodiness throughout the entire season. The tops are rich blood-red in color and can be used in ornamental bedding. Pkt., 5c; oz., 15c; ¼ lb., 55c.

43. ★THE ELECTRIC. The best second early beet. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. Flesh, fine grained and tender. We recommend the Electric to all those wanting a fine, early table beet. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

45½. OLDS' DANISH HALF LONG. A new table beet, unequalled for slicing. It grows partly out of the ground and is free from roughness. It tapers from three inches in diameter, at the shoulder, to a slender root brilliant red in color and very handsome in appearance when cooked and sliced for the table. Tender, fine grained and of excellent quality—try it. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85.

44. EARLY ECLIPSE. The Eclipse is a round uniform shaped beet (see illustration). The roots are bright deep red, smooth and the tops are small. The flesh is bright red, very sweet, crisp and tender. Nearly as early as the Early Egyptian and very desirable as a family garden variety. The Eclipse can also be planted in June and used during the winter months. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

54. EARLY YELLOW TURNIP. An early, yellow globe-shaped variety; very sweet, tender and crisp. Both skin and flesh a bright light yellow, in marked contrast to the deep coloring of other varieties. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.



52. ★CRIMSON GLOBE. A new variety of great merit. Unequalled for table use; very handsome (illustrated above), early and also suitable for a main crop variety, of medium size, almost globe-shaped and free from rootlets. The flesh is a deep purplish crimson and of the finest quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

49. MARKET GARDENERS'. The great all-season beet. Makes a rapid growth and heavy root, for autumn or winter use. Deep red, sweet and very crisp. Keeps well and appeals very strongly to everybody wanting a first-class all-season's table beet. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00.

WE PAY PARCEL-POST CHARGES on all garden and flower seeds, offered by the packet, ounce, quarter-pound, pound and up to five pounds in weight. We are centrally located and can pay the postage, without increasing the cost of the seed, as much as some others. Catalog prices include postage to destination, unless otherwise noted.

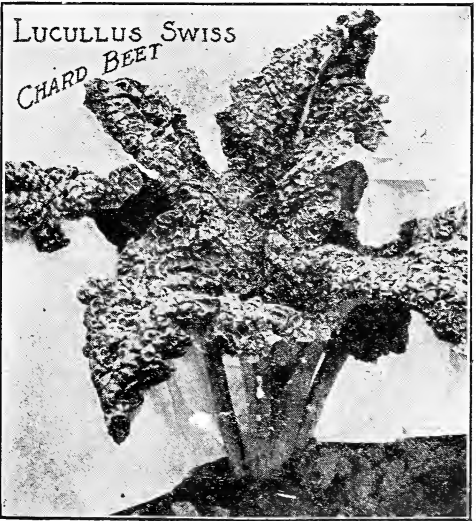
52½. LUCULLUS SWISS CHARD. The new Swiss Chard, or Spanish Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.80.

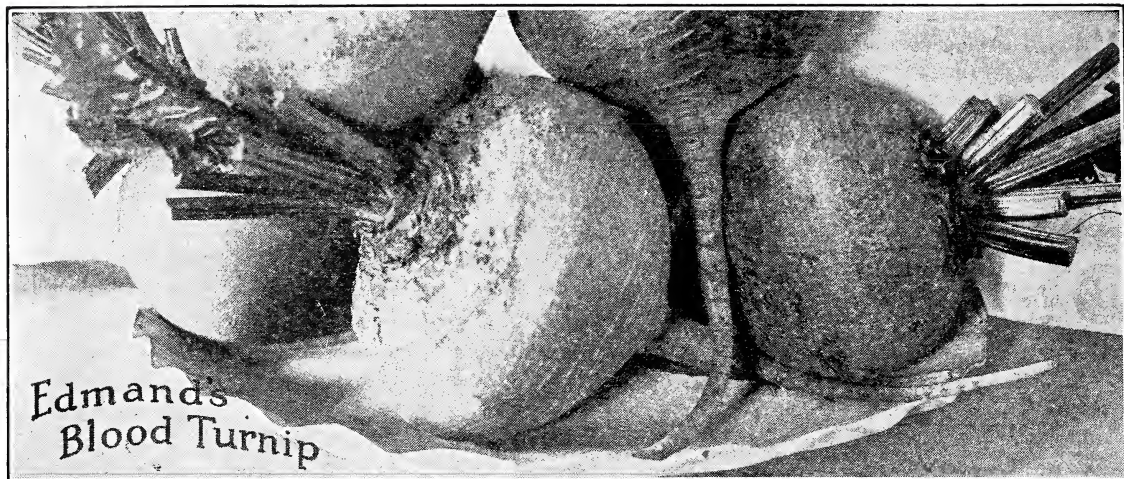
45. ★NEW EARLY MODEL. The perfect Beet. It is medium early, between the Electric and Crimson Globe. The bulbs run very uniform and are almost round; fine-grained, tender and sweet—never woody or stringy. A fine variety for the home garden. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.80.

51. OLDS' IMPROVED GROSBY'S EGYPTIAN. The most desirable early market beet. A selection from Early Egyptian, which is the standard extra early sort. It retains the earliness of its parent, and has a more desirable shape. Deep red in color and of better quality than Egyptian, being sweeter and more tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

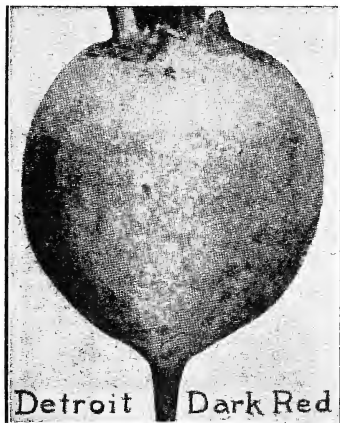
EVERY MARKET GARDENER should have our market gardeners' net price list before ordering—free on request. If your order for garden seeds amounts to \$10.00 or more, you are entitled to lower prices than those given in this catalogue.

We have arranged our catalogue different from most other seed catalogues. We have no novelty pages, but list all varieties under their respective headings. New varieties for 1918, noted, bottom page 31.

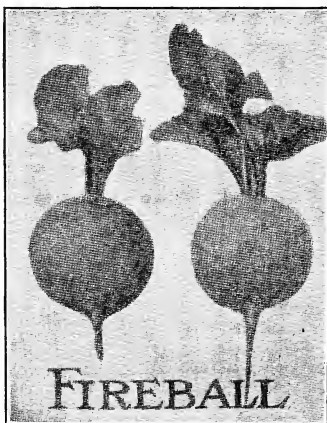




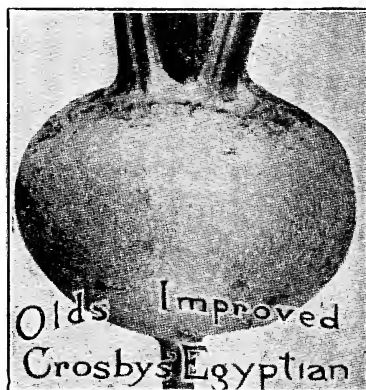
42. **EDMAND'S EARLY BLOOD TURNIP.** A good variety to follow the extra early sorts, and also one of the best for winter use. Skin and flesh, dark red, sweet and tender. Does not grow large (see illustration above) and coarse, has small tops and can be planted close. A very popular beet with market gardeners and just as desirable for the home garden. Pt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.



Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.



Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

BEETS. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

40. **IMPROVED EARLY EGYPTIAN.** The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.
- 40½. **★OLDS' EARLIEST FORCING (Fireball)** A new extra early beet, suitable for forcing.
41. **★OLDS' IMPROVED BLOOD TURNIP.** The standard early beet.
42. **EDMAND'S EARLY BLOOD TURNIP.** Dark red; fine flavor; good for winter use, and one of the best beets grown. Illustrated above.
43. **★THE ELECTRIC.** The best second early beet.
44. **★EARLY ECLIPSE.** Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.
- 44½. **JOHNSON'S DEFIANCE.** A fine selected strain; very uniform in shape. Page 36.
45. **★NEW EARLY MODEL.** The perfect beet.
- 45½. **★OLDS' DANISH HALF LONG.** A new brilliant red beet.
46. **★HALF LONG BLOOD.** Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.
47. **★LONG SMOOTH BLOOD RED.** A well-known winter beet; late in maturing, but an excellent keeper.
48. **★DETROIT DARK RED TURNIP.** A fine early turnip beet. One of the best for the market garden; dark red skin and bright red flesh.
49. **★MARKET GARDENERS'.** The great all seasons' beet.
50. **★NEW COLUMBIA.** A fine main crop variety.
51. **★CROSBY'S EGYPTIAN.** A most desirable early market beet.
52. **★CRIMSON GLOBE.** A new variety of great merit.
- 52½. **★LUCULLUS SWISS CHARD.** The new Swiss Chard Beet.
53. **★SWISS CHARD.** The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.
54. **★EARLY YELLOW TURNIP.** An early yellow, globe-shaped variety.
- 54½. **★OLDS' DANISH BLOOD TURNIP.** Round, fine-grained with blood-red flesh.

By parcel post.

pkt.	oz.	$\frac{1}{4}$ lb.	lb.
\$0.05	\$0.15	\$0.40	\$1.50
.05	.15	.55	2.00
.05	.15	.40	1.50
.05	.15	.40	1.50
.05	.15	.50	1.75
.05	.15	.45	1.60
.05	.15	.45	1.65
.05	.15	.50	1.80
.05	.15	.50	1.85
.05	.15	.40	1.50
.05	.15	.40	1.50
.05	.15	.50	1.80
.05	.15	.55	2.00
.05	.15	.50	1.85
.05	.15	.45	1.65
.05	.15	.45	1.60
.05	.15	.50	1.80
.05	.15	.45	1.65
.05	.15	.40	1.45
.05	.15	.55	

MIXED BEET SEED. A carefully prepared mixture of best sorts for table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

MANGELS AND SUGAR BEETS



Mammoth Long Red.



GOLDEN TANKARD MANGEL

56. GOLDEN TANKARD. The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground—see illustration. Can be grown closely in rows and yields enormously. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 5 lbs., \$4.50.

59½. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$5.75.



DANISH SLUDSTRUP

59. GIANT ECKENDORF. This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on

account of growing the larger part out of the ground are easily harvested. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.20. Not postpaid: 5 lbs., \$5.50.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 2 lbs. or more at 5-lb. rates. Order by number.

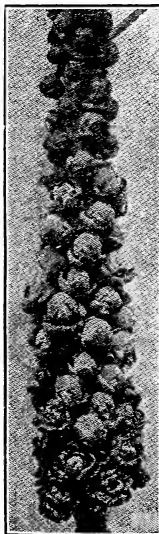
- 55. MAMMOTH LONG RED.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$4.25.
- 56. GOLDEN TANKARD.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.
- 57. GOLDEN GIANT INTERMEDIATE.** Intermediate between the long and the globe-shaped. Not postpaid: 5 lbs., \$4.30.
- 58. CHAMPION YELLOW GLOBE.** The best globe-shaped mangel
- 59. GIANT ECKENDORF.** The most popular mangel in Germany, also proving very satisfactory in the United States—has a high percentage of dry matter and is easily harvested.
- 59½. DANISH SLUDSTRUP.** A new mangel, described and illustrated above. Not postpaid: 5 lbs., \$5.75.
- 60. LANE'S IMPERIAL SUGAR.** A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding.
- 61. KLEIN WANZLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar
- 62. VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, containing usually as high as 16 per cent of sugar
- 63. GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$5.75.

By parcel post.				
pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
\$0.05	\$0.10	\$0.25	\$0.95	\$4.50
.05	.10	.30	1.00	4.75
.05	.10	.30	1.00	4.75
.05	.10	.35	1.20	5.75
.05	.10	.35	1.25	6.00
.05	.15			
.05	.15			
.05	.15			
.05	.10	.35	1.25	6.00

BRUSSELS SPROUTS.

A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

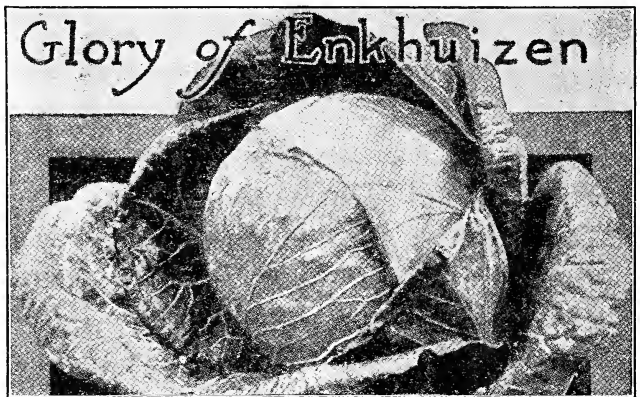
65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



CABBAGE



Our cabbage seed is the best American-grown, excepting of the Danish varieties, which can only reach perfection in Denmark. Each packet contains $\frac{1}{8}$ oz. of seed, sufficient to produce 500 plants; $\frac{1}{4}$ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Order by number. Use Slug Shot as a remedy for cabbage worms. See page 92. We can also furnish cabbage plants in season—see page 74.



85. OLDS' SELECT DANISH BALL HEAD. The best cabbage for keeping through the winter. The heads are perfectly round, solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best imported Danish-grown Seed. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.30.

70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. The best early cabbage in cultivation. It forms fine, solid heads of good size, with very few outer leaves, and is of the best quality. Seed grown from selected heads only. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.50.

79. OLDS' BRIDGEPORT DRUMHEAD. A select strain of the finest of all Drumheads; grown only from the largest and most perfect heads. It makes a very large, round, firm head. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$3.00.

85½. THE HOLLANDER. An excellent cabbage for late spring and for shipping. The heads are of medium size, solid and handsome in appearance, good keepers. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.30.

We test our seeds for germination and send out nothing that does not show a good test. The test record of each stock is kept and the stock letter stamped on every package. Packages are put up fresh each year, the year being stamped on the package.

88½. GLORY OF ENKHUIZEN. A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration above), with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.05; lb., \$4.00.

87½. OLDS' LONG STEM BALL HEAD. (Danish-Grown). The Danish Ball Head has a very solid head and is unequalled for shipping and keeping qualities. The Long Stem is the best strain of Ball Head and produces a fine market size head. The head is very hard, almost round, and fine grained. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.30; lb., \$5.00.

74. ★THE VOLGA. A fine variety. The heads are as round as a ball, flesh firm and tender. It matures two weeks earlier than any other of our late growing sorts, and if set out early will mature in July and August. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.50.

83½. CHINESE CABBAGE. This is the famous Chinese Celery Cabbage and the seed we sell is grown in China. It does well in nearly all parts of the country and is more easily grown than ordinary cabbage; when boiled with meat is better than either cabbage or turnips. It should be grown like a late cabbage, planting in July (turnip planting time), as early plantings run quickly to seed. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.05; lb., \$4.00.

Page 42 for price of Cabbage Seed by express or freight, not prepaid.



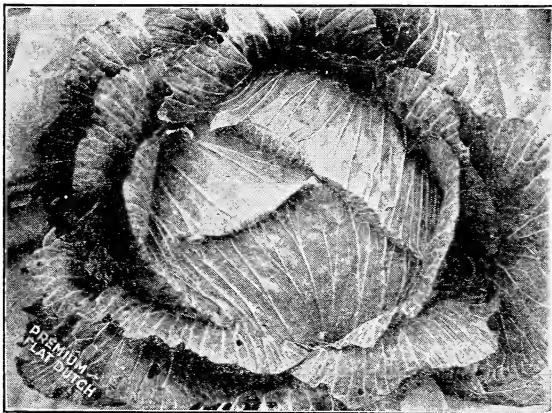
80½. WISCONSIN HOLLANDER. A very decided improvement over regular Hollander Cabbage as regards resistance against the disease commonly known as "yellows" or "yellow rot." This cabbage was developed by years of careful experimenting and selection by Prof. L. R. Jones of the University of Wisconsin, carefully preserving all the good qualities of the original Hollander. Extensive field tests in Racine and Kenosha Counties, the oldest cabbage district in the state of Wisconsin, where the growing of cabbage had been abandoned on account of the "yellows," now shows the Wisconsin Hollander to be very strongly resistant to that destructive disease.

This cabbage has been grown successfully on even the "sickest" old cabbage fields with almost perfect immunity from "yellows," whereas the commercial strains alongside (see illustration) were practical failures.

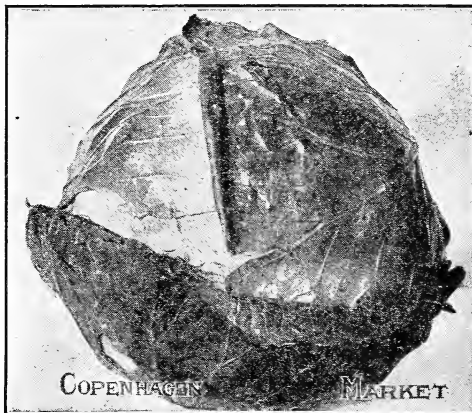
The Hollander or middle stem Ballhead, as everyone who has grown this variety knows, cannot be surpassed for fall shipping or winter storage. The leaves are upright in growth, heads of medium size, solid and handsome in appearance. Our seed is Wisconsin grown. Price for 1918: Pkt., 35c; 2 pkts., 60c; 3 pkts., (½ oz.), 75c; oz., \$1.30.



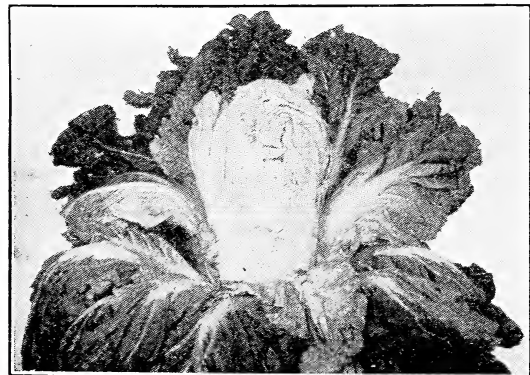
Commercial Cabbages in Center; Balance of field Wisconsin Hollander.



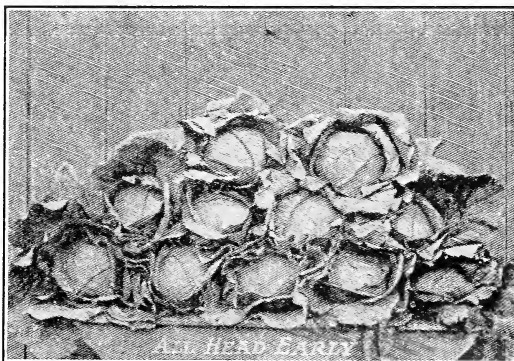
82. ★PREMIUM LATE FLAT DUTCH. A greatly improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves, and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 10c; 3 pkts. (½ oz.), 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50.



84½. COPENHAGEN MARKET. The new Danish cabbage; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each. Pkt., 10c; 3 pkts (½ oz.), 20c; oz., 35c; ¼ lb., \$1.30.



CHINESE CABBAGE. Pkt., 10c; ½ oz., 20c; oz., 30c.



ALL HEAD EARLY. Pkt., 10c; oz., 30c; ¼ lb., \$1.10.-

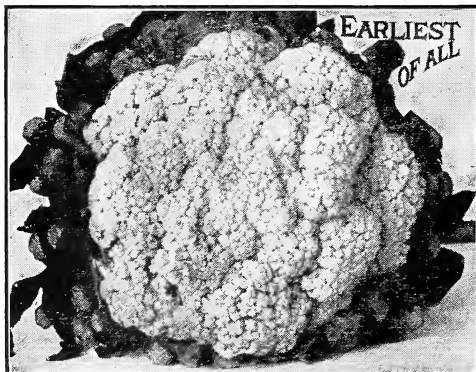
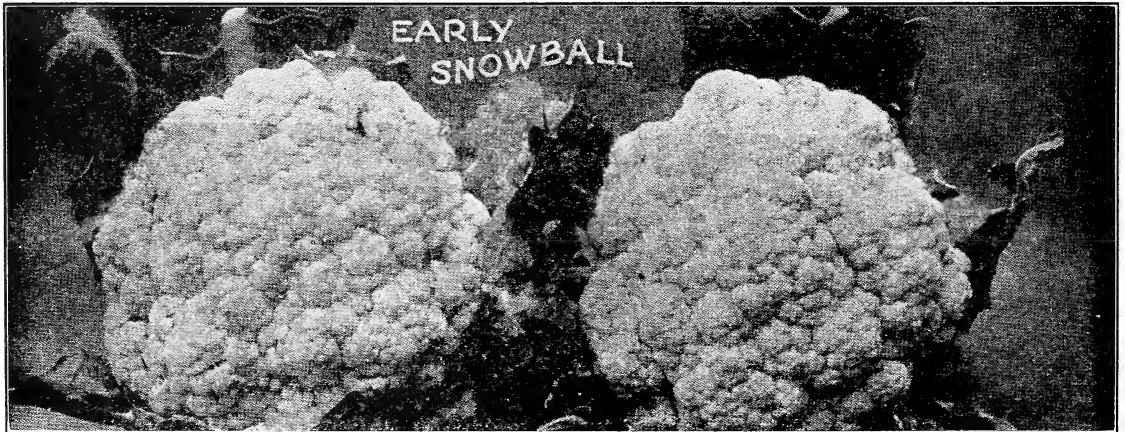
CABBAGE. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage.....	\$0.10	\$0.30	\$1.15	\$4.50
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.....	.10	.35		
72. LARGE WAKEFIELD or CHARLESTON. About a week later than Jersey Wakefield .....	.10	.35	1.25	4.75
73. EARLY SPRING. The earliest flat-headed variety.....	.10	.30	1.05	4.00
74. ★THE VOLGA. A valuable acquisition in the cabbage line.....	.10	.30	1.15	4.50
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage.....	.10	.30	1.10	4.25
76. THE HOUSE. A favorite late winter cabbage. Crop failed.....				
77. HENDERSON'S SUCCESSION. Second early.....	.10	.30	1.05	4.00
77½. ROUND EXPRESS. A new Danish variety. Considered the best round-headed variety....	.10	.25	.90	3.50
78. SURE HEAD. All head and sure to head.....	.10	.25	.85	3.25
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain.....	.10	.25	.80	3.00
80. ALL SEASONS. Good for both early and late.....	.10	.25	.95	3.65
80½. WISCONSIN HOLLANDER. The cabbage that will make Wisconsin famous.....	.35	1.30		
81. EARLY SUMMER. A great favorite with market gardeners.....	.10	.25	.80	3.00
81½. EARLY FLAT DUTCH. An extra fine second early.....	.10	.25	.85	3.25
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety.....	.10	.25	.90	3.50
82½. EARLY WINNINGSTADT. One of the best for general use—sure to head.....	.10	.30	1.05	4.00
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoys.....	.10	.25	.80	3.00
83½. CHINESE CABBAGE. The famous Chinese Celery Cabbage. Illustrated page 41.....	.10	.30	1.05	4.00
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.....	.10	.30	1.05	4.00
84½. COPENHAGEN MARKET. Earliest round-head variety.....	.10	.35	1.30	
85. ★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.....	.10	.35	1.30	5.00
85½. THE HOLLANDER. Fine for late spring and for shipping.....	.10	.35	1.30	
86. DANISH SUMMER BALL HEAD. An excellent second early.....	.10	.30	1.10	4.25
86½. DANISH DARK RED BALL HEAD. Valuable for kraut.....	.10	.30	1.15	4.50
87. OLDS' DANISH SUREHEADER. Sure to head.....	.10	.30	1.10	4.25
87½. OLDS' LONG STEM BALL HEAD. The best Danish-grown seed. Page 40.....	.10	.35	1.30	5.00
88. FILDERKRAUT. Pointed heads; much used for kraut.....	.10	.35		
88½. GLORY OF ENKHUIZEN. A new variety. Page 40.....	.10	.30	1.05	4.00
89. MAMMOTH ROCK RED. Hard-heading; fine for pickling.....	.10	.30	1.15	4.50
89½. RED DUTCH. A red cabbage for pickling.....	.10	.35		

CAULIFLOWER

Olds' Cauliflower Seed is grown in Denmark and is the best that can be procured. Each packet contains enough seed to produce 250 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number.



95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration opposite. Pkt., 15c; 2 pkts., 25c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.15; ¼ lb., \$4.50.

90. **★IMPROVED EARLY SNOWBALL.** We know of no better type of this variety—very early, smooth, rounded heads (see illustration above), fine grained, compact and even in size. Pkt., 15c; 2 pkts., 25c; ¼ oz., 40c; ½ oz., 70c.

93. **★DRY WEATHER.** The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 15c; 2 pkts., 25c; ¼ oz., 45c; ½ oz., 85c; oz., \$1.60.

91. **EARLY FAVORITE.** This is a fine strain of cauliflower at a low price for seed. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c.

92. **LARGE EARLY ERFURT.** Best for second early, about two weeks later than Early Snowball. Pkt., 15c; 2 pkts., 25c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$4.00.

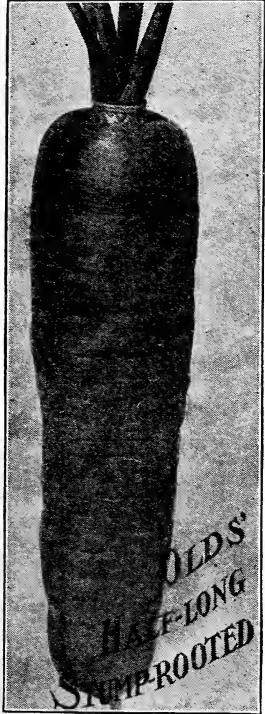
94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

CARROT

Olds' Carrot Seed is grown from carefully selected roots. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two pounds or more at 5-pound rates. Order by number.



108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. A good keeper and never becomes stringy—illustrated below. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 60c.



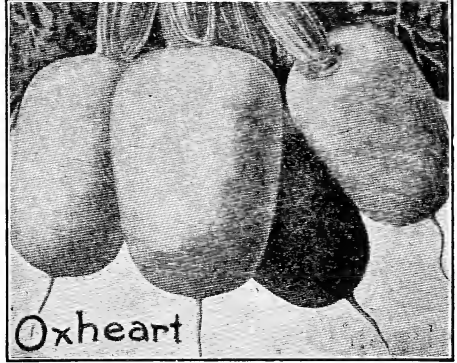
100. **★DANVERS HALF LONG.** Stump-rooted, bright orange in color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00. Not postpaid: 5 lbs., \$9.50.

101. **★ EARLY SHORT TOP.** One of the best for family use. An attractive stump-rooted variety and one suited for the home garden. Pkt., 10c; 2 pkts., ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

101 $\frac{1}{2}$. **HALF-LONG RUBICON.** A distinct variety. Satisfactory in shape and color. Earlier than Danvers and a heavy cropper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00. Not postpaid: 5 lbs., \$9.50.

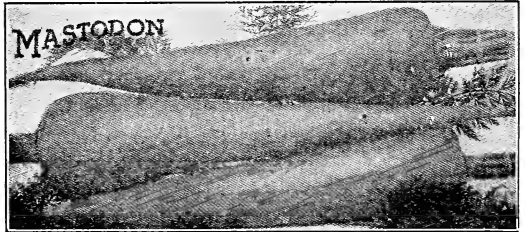
102. **OLDS' IMPROVED LONG ORANGE.** A standard late variety; deep orange color; much improved by selection of the best formed and deepest colored roots. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 5 lbs., \$8.25.

104. **★EARLY CHANTENAY.** Very early, and best of all early carrots for the table or market. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.35.



103. **★OXHEART.** The best all-round carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 5 lbs., \$8.25.

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.



112. **THE MASTODON.** The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

CARROT. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

100.	★DANVERS HALF LONG.	A general favorite.	
101.	★EARLY SHORT TOP.	One of the best carrots for home use.	
101 $\frac{1}{2}$.	HALF-LONG RUBICON.	An ideal market gardeners' variety.	
102.	OLDS' IMPROVED LONG ORANGE.	The standard late variety.	
103.	★OXHEART.	The best all-round carrot.	
104.	★EARLY CHANTENAY.	Best of all early carrots for table and market.	
105.	EARLIEST FRENCH FORCING.	Used expressly for forcing.	
106.	EARLY SCARLET SHORT-HORN.	A popular early variety.	
107.	INTERMEDIATE OR ST. VALERY.	A fine late variety.	
108.	OLDS' HALF-LONG STUMP-ROOTED.	One of the best carrots we know of—see illustration and description above.	
110.	LARGE WHITE BELGIAN.	A stock carrot; very productive.	
111.	LONG ORANGE BELGIAN.	For stock; orange colored roots.	
112.	THE MASTODON.	The heaviest cropper. Illustrated above.	

By parcel post.

pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
\$0.05	\$0.15	\$0.55	\$2.00	\$9.75
.10	.20	.60	2.25	11.00
.05	.15	.55	2.00	9.75
.05	.15	.50	1.75	8.50
.05	.15	.50	1.75	8.50
.10	.20	.65	2.35	11.50
.10	.20	.65	2.35	
.10	.20	.60	2.25	
.05	.15	.55	2.00	9.75
.10	.20	.60		
.05	.15	.40	1.50	7.25
.05	.10	.35	1.25	6.00
.05	.10	.35	1.25	6.00

CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

COLLARDS.

132. **GEORGIA.** A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

This CATALOG is mailed without request to all who have ordered of us during the last three years. Please notify us of any change of post-office address.

CORN SALAD.


133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

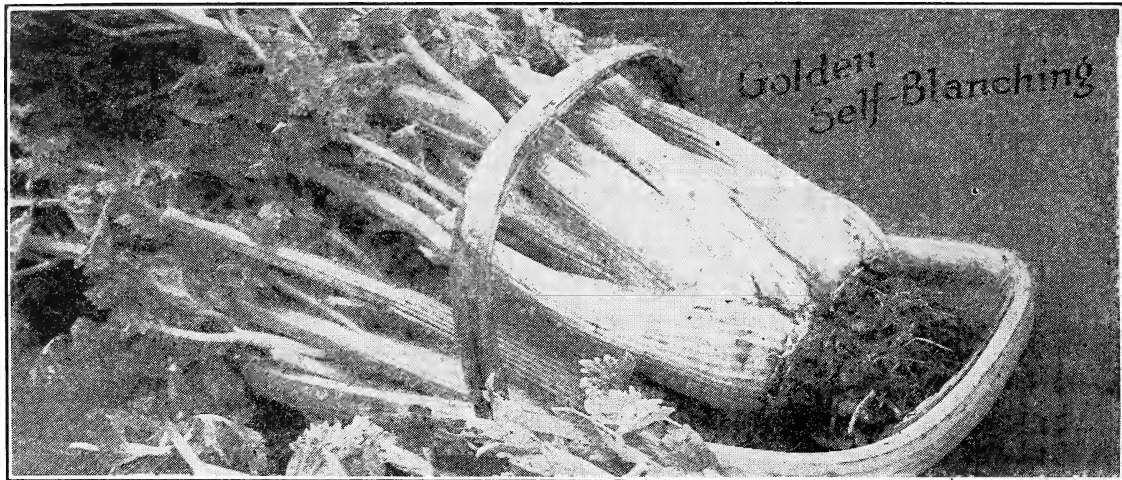
CRESS.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

REMEMBER We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight unless otherwise noted.

CELERY

Celery seed is slow to germinate. Cover lightly and keep moist. Our packets each contain enough to produce 1,000 plants; 2 ounces of seed sufficient for an acre. Those marked with a star are the varieties we specially recommend. Order by number.  We can furnish celery plants in season—see page 74.



117. ★**GOLDEN SELF-BLANCHING.** 30c; oz., 55c; ¼ lb., \$2.10.

The leading early variety. Pkt., 10c; 2 pkts. (¼ oz.), 15c; ½ oz.,



115. **WHITE PLUME.** Olds' select. The earliest celery known. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.



115½. **EASY BLANCHING.** A distinct variety. The easiest and quickest to blanch. The plants make a quick healthy growth with thick stalks, very tender and brittle; early-maturing, a long keeper and easy to blanch. Pkt., 15c; 2 pkts. (¼ oz.), 25c; ½ oz., 45c; oz., 85c.

123½. **COLUMBIA.** An early variety of fine shape and quality. The plant is of medium height and very stocky. Stalks are thick and almost round; color a rich yellow. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.



CELERY. Full List.

One pound of any variety at 3¾ times the price of ¼ lb. ½ lbs. at 1b. rates.

115.	WHITE PLUME. Olds' Select. The earliest celery known.	.....
115½.	★ EASY-BLANCHING. A distinct variety. Easy and quick to blanch.	.....
116.	PINK PLUME. A strong, healthy, compact grower; solid and crisp.	.....
117.	★ GOLDEN SELF-BLANCHING. The leading early variety.	.....
118.	★ GIANT PASCAL. Best for fall and winter use. Stalks are very large.	.....
119.	OLDS' NEW ROSE. The best red celery; very solid.	.....
120.	DWARF GOLDEN HEART. A standard variety, grown for market.	.....
120½.	MAGNIFICENT. A late variety; noted for its keeping qualities.	.....
121.	★ WINTER QUEEN. A most desirable variety for winter use.	.....
122.	★ SNOW WHITE. A free blancher and not subject to rust. Of good size and without a rival in purity of color.	.....
123.	SILVER SELF-BLANCHING. A white self-blanching celery, combining the grand qualities of Golden Self-Blanching and White Plume.	.....
123½.	COLUMBIA. Described and illustrated above.	.....
124.	CELERY FOR SEASONING. Good, clean seed.	.....

By parcel post.

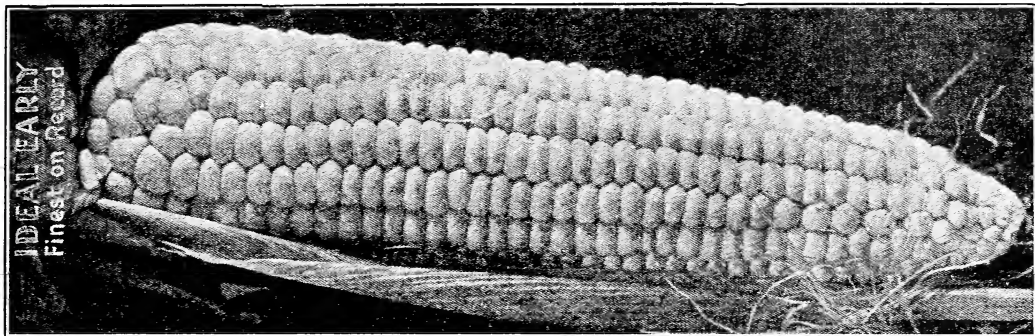
pkt.	½ oz.	oz.	¼ lb.
\$0.05	\$0.15	\$0.25	\$0.70
.15	.45	.85	
.05	.15	.25	.80
.10	.30	.55	2.10
.05	.15	.25	.70
.05	.15	.25	.60
.05	.15	.25	.70
.05	.15	.25	.70
.05	.15	.20	.55
.05	.15	.20	.60
.05	.15	.25	.70
.05	.15	.25	.70
.05	.15	.10	.25

CELERIAC. 125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.75.

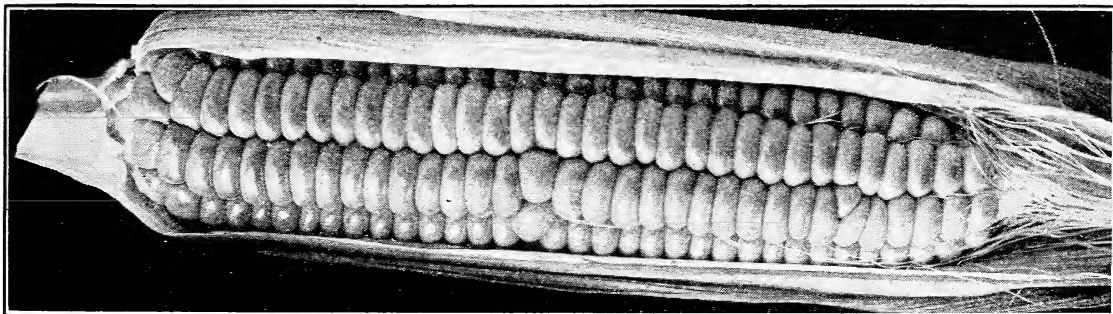
SWEET CORN

Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets each contain $1\frac{1}{2}$ ounces, sufficient to plant 20 to 25 hills. One peck (11 lbs.) will plant an acre in hills. Order by number.

CORN SHORTAGE: We regret to report a very short crop of corn, due to early frosts and poor drying weather. Our stock is small and germination lower than usual. Order early.



Olds' Ideal Early. Crop failure. Pkt., 15c; 2 pkts., 25c.



Golden Bantam. Pkt., 10c; 3 pkts., 20c; $\frac{3}{4}$ lb., 35c; $1\frac{1}{2}$ lbs., 60c.

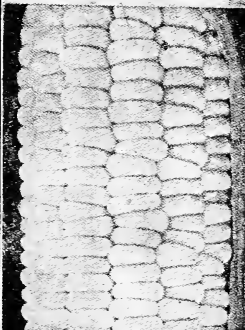


137. OLDS' IDEAL EARLY. A true Sweet corn. We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil. The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen, of excellent flavor, which combined with its earliness makes it a most desirable corn. Pkt., 15c; 2 pkts., 25c; 3 pkts., ($\frac{1}{4}$ lb.), 35c.

142. GOLDEN BANTAM. (Burpee's). The favorite for home use with everyone who tries it. Claimed to be the earliest sweet corn, but with us, 10 days later than Peep O'Day. This Bantam originated in Massachusetts; is a deep yellow in color and very sweet. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 35c; $1\frac{1}{2}$ lbs., 60c.

141. PREMO. Claimed to be the best early sweet corn in cultivation. It is a genuine sweet corn, and combines not only all the good qualities of most of the leading early varieties, but is really superior to most of them in size, quality and appearance. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.

PEEP O'DAY
Earliest on record.



135. PEEP O'DAY. A Good Extra Early. "Earliest on earth." Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled. Very tender and sweet. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.

142½. BANTAM EVERGREEN. One of the sweetest of all varieties of Sweet Corn. A cross between Golden Bantam and Stowell's Evergreen; combines the sweetness of the Bantam and size of the Evergreen. Holds its quality longer after being picked than any other variety we know of—on account of its size, earliness and sweetness it is very desirable. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 35c; $1\frac{1}{2}$ lbs., 60c.

141½. GOLDEN CREAM. A distinct extra early variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. Stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit and we recommend that all lovers of good corn give it a trial. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.

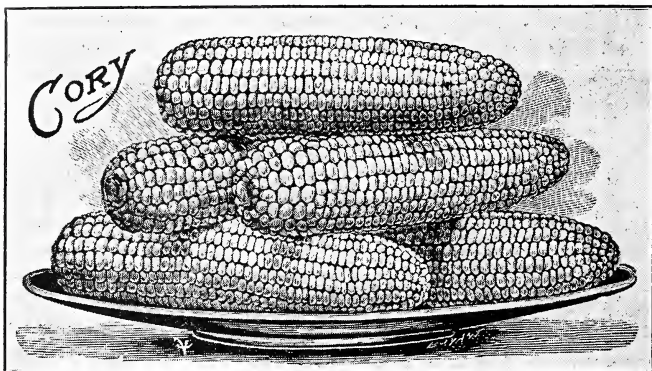
144. ★WHITE MEXICAN. The best early market variety. The white Mexican possesses all the good qualities of the old Black Mexican without the objectionable color. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.

THE BEST SWEET CORN FOR SUCCESSION.

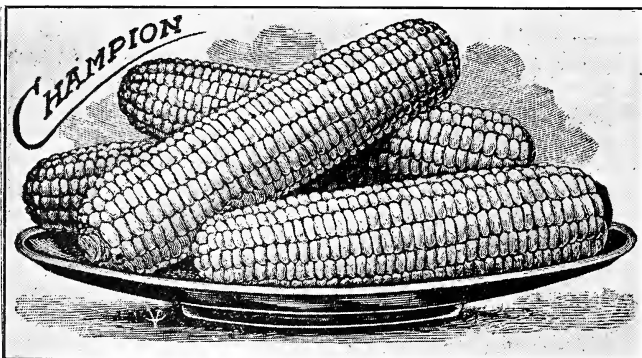
For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136),

EARLY CHAMPION (139) and **STOWELL'S EVERGREEN** (147).

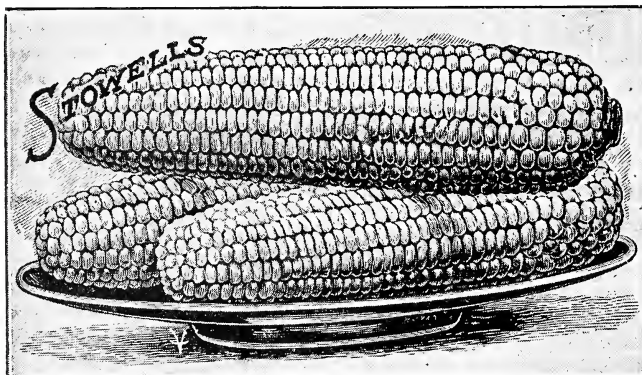
One pkt., each 20c; $\frac{1}{4}$ lb., each, 45c; $\frac{3}{4}$ lb., each, 75c; $1\frac{1}{2}$ lbs., each, \$1.40. Not postpaid: $1\frac{1}{2}$ lbs., each, \$1.15.



136. **MAMMOTH WHITE CORY.** One of the earliest varieties. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.



139. **EARLY CHAMPION.** The largest eared early sweet corn. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 50c.

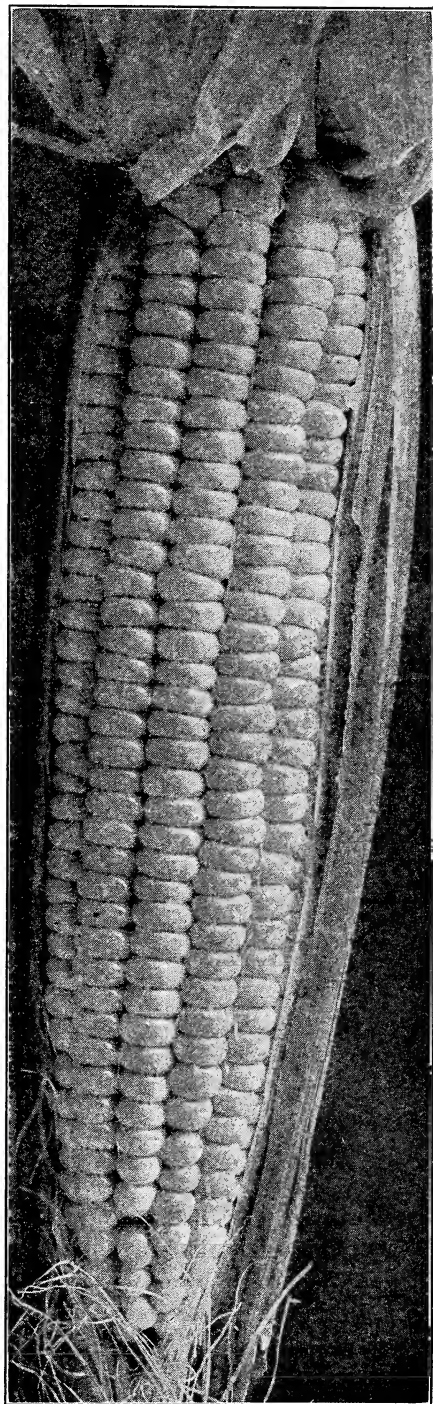


147. **STOWELL'S EVERGREEN.** The best late sweet corn for all purposes. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.



145. **★OLDS' EARLY EVERGREEN.** Like Stowell's Evergreen, only ten days earlier. Large handsome ears, about 8 inches long (see illustration) and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 55c.

Sweet Corn varies in weight from 40 to 46 lbs., to the measured bushel (according to variety). Heretofore we have sold by measure, but now we are selling by weight. See next page for the weight, per measured bushel, of each variety.



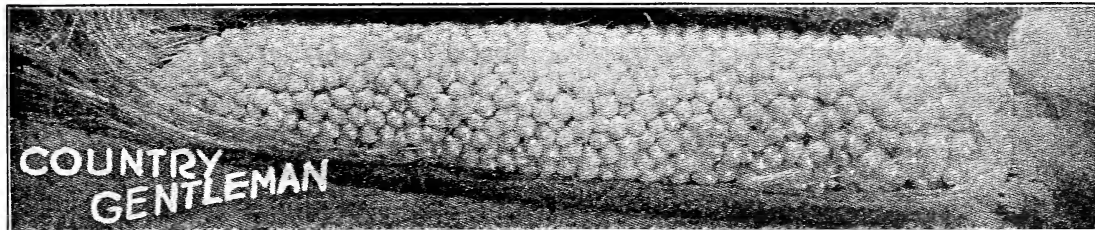
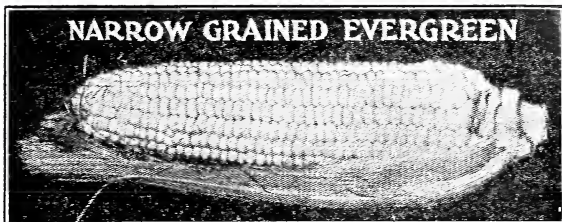
Olds' Early Evergreen, Pkt., 10c.

"BY EXPRESS OR FREIGHT" means f. o. b. Madison—the purchaser paying cost of transportation.

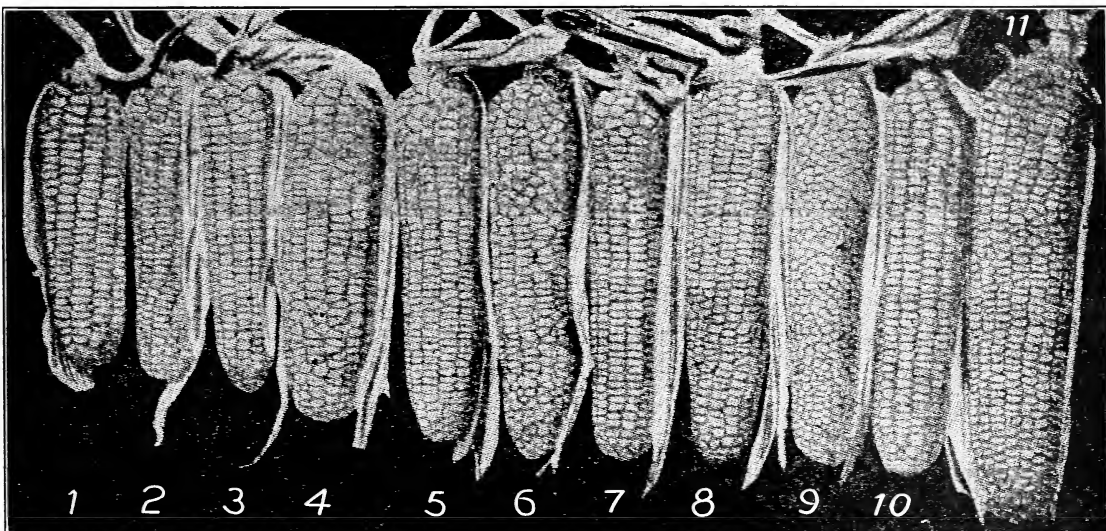


144½. NARROW GRAINED EVERGREEN. A splendid high quality evergreen. Slightly earlier than Stowell's, ears nearly as large, with small cob with from 18 to 20 rows of very deep narrow white grains. One of the best canning sorts, also a very desirable variety for market gardeners—see illustrations. Pkt., 10c; 3 pkts. (¼ lb.), 20c; ¾ lb., 35c; 1½ lbs., 60c.

138½. HOWLING MOB. A large-eared, early sweet corn; ready for use about five days later than the earliest varieties. An excellent home or market sort. Pkt., 10c; 3 pkts. (¼ lb.), 20c; ¾ lb., 30c; 1½ lbs., 50c.



139½. Country Gentleman. Pkt., 10c; 3 pkts. (¼ lb.), 20c; ¾ lb., 35c; 1½ lbs., 60c.



SWEET CORN. Full List.

¾ lbs., one pt., 1½ lbs., one qt.; 5½ lbs., one-half pk.; 11 lbs., one pk.; 45 lbs., one bu., except where noted.

		By parcel post.			By exp. or frt., not prepaid.		
		pkt.	¾ lbs.	1½ lbs.	1½ lbs.	5½ lbs.	11 lbs.
135.	PEEP O' DAY. Earliest of all. Fig. 2.....	\$.10	\$0.30	\$0.55	\$0.45	\$1.55	\$3.00
136.	MAMMOTH WHITE CORY. One of the earliest varieties Fig. 4.....	.10	.30	.55	.45	1.50	2.95
137.	★OLDS' IDEAL EARLY. The best early sweet corn. Fig. 5, also page 45....	.15					
138.	EARLY MINNESOTA. A standard early variety. Fig. 7.....	.10	.30	.50	.40	1.40	2.70
138½.	HOWLING MOB. A large eared early variety.....	.10	.30	.50	.40	1.45	2.80
139.	★EARLY CHAMPION. The largest-eared early sweet corn. Fig. 10.....	.10	.30	.50	.40	1.40	2.65
139½.	COUNTRY GENTLEMEN. The sweetest corn grown. Fig. 9.... Bu. 44 lbs.	.10	.35	.60	.50	1.95	3.80
140.	KENDEL'S EARLY GIANT. Large handsome ears.....	.10	.30	.55	.45		
140½.	BLACK MEXICAN. Medium early; sweet and tender.....	.10	.30	.55	.45		
141.	PREMO. Claimed to be the best early sweet corn. Fig. 3.....	.10	.30	.55	.45	1.75	
141½.	GOLDEN CREAM. A distinct variety. See page 45.....	.10	.30	.55	.45	1.50	2.90
142.	GOLDEN BANTAM. Burpee's. Fig. 1.....	.10	.35	.60	.50	1.95	3.80
142½.	BANTAM EVERGREEN. One of the sweetest of sweet corns.... Bu. 44 lbs.	.10	.35	.60	.50	1.85	
143.	CROSBY'S EARLY. A favorite with canners.....	.10	.30	.50	.40	1.45	2.80
143½.	HICKOX IMPROVED. A popular canning variety. Fig. 6.....	.10	.30	.50	.40	1.30	2.55
144.	★WHITE MEXICAN. The best early market variety.....	.10	.30	.55	.45		
144½.	NARROW GRAINED EVERGREEN. A splendid high quality Evergreen....	.10	.35	.60	.50	1.95	3.80
145.	★OLDS' EARLY EVERGREEN. Fig. 8, and page 46..... Bu. 42 lbs.	.10	.30	.55	.45	1.70	3.30
146.	WHITE EVERGREEN. A new variety. Pure white.....	.10	.30	.55	.45	1.55	3.05
147.	STOWELL'S EVERGREEN. The best late sweet corn.....	.10	.30	.55	.45	1.55	3.05
148.	ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	.10	.30	.55	.45	1.50	2.90
149.	LATE MAMMOTH. The largest-eared variety. Fig. 11.....	.10	.30	.55	.45	1.70	3.30

Prices named above are for 5½ lbs., and 11 lbs. of all varieties regardless of weight per bushel.

POP CORN AND PEANUTS

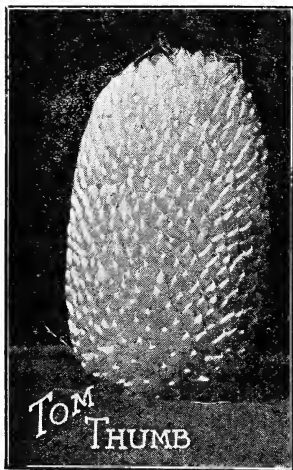
Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Red Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.

POP CORN.



150. OLDS' IMPROVED WHITE RICE. Every grower of pop corn is acquainted with White Rice. It is the most popular variety, and always commands the highest price. Pkt., 5c; 3 pkts., (1/4 lb.), 10c; lb., 25c; 2 lbs., 45c. By express or freight, not postpaid: Lb., 20c; 2 lbs., 35c; 5 lbs. or more, 15c per lb.



154 1/2. ★ TOM THUMB. Dwarf Rice.

The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1918: Pkt., 10c; 3 pkts., (1/4 lb.), 15c; lb., 35c; 2 lbs., 65c. Not postpaid: Lb., 30c; 2 lbs., 55c; 5 lbs. or more, 25c per lb.

OTHER VARIETIES.

Pkt., 5c; 3 pkts. (1/4 lb.), 10c; lb., 30c; 2 lbs., 55c.

151. **QUEEN'S GOLDEN.** Largest and most productive.

152. **RED BEAUTY.** A new red rice pop corn.

153. **MAPLEDALE PROLIFIC.** A very prolific variety.

PEANUTS.



315. ★MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the North. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 5c; 3 pkts., (1/4 lb.), 10c; 1/2 lb., 20c; lb., 30c; By express or freight, not postpaid: Lb., 25c; 5 lbs. or more, 20c per lb.

Those marked with a star are the varieties we specially recommend. See page 45, for No. 137.



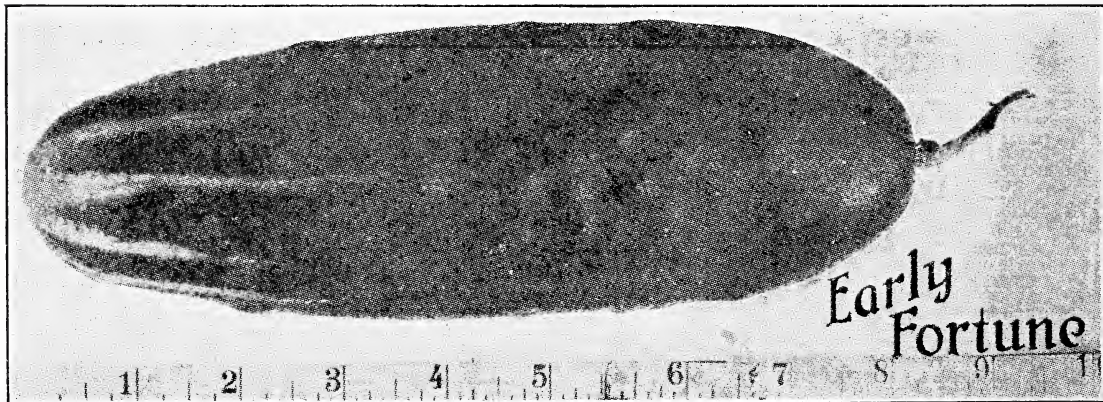
Spanish Peanuts.

316. IMPROVED SPANISH.

The Spanish Peanut is small but has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be produced. Large pkt., 5c; 3 pkts., (1/4 lb.), 10c; 1/2 lb., 20c; lb., 35c. Not postpaid: Lb., 25c; 5 lbs. or more, 20c per lb.

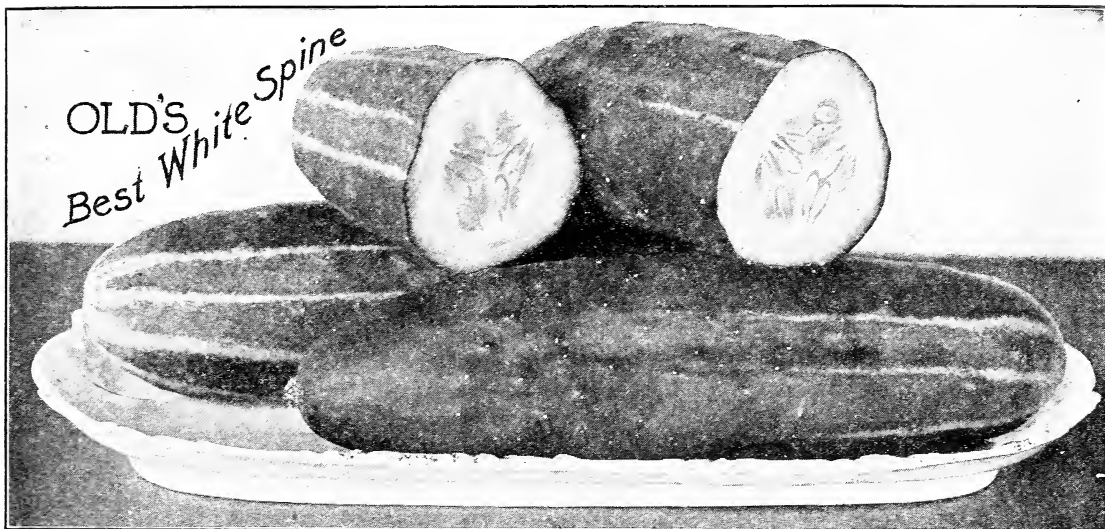
CUCUMBER

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain 1/4 oz. of seed; sufficient to plant from 15 to 20 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Use Bug Death on cucumber and other vine crops. Page 92.

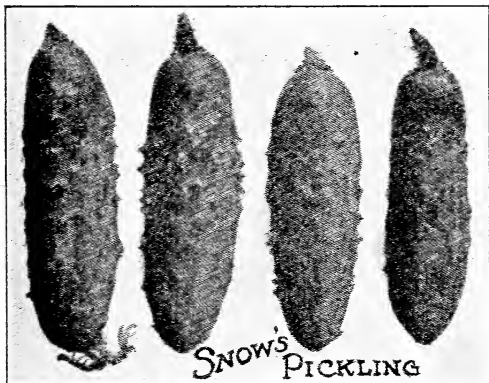


160 1/2. ★EARLY FORTUNE. One of the best cucumbers that has been introduced in years and destined to take the place of many of the old-time strains of White Spine. It has a very dark green skin, is thick flesh, tender and sweet. It is early, productive and of strong growth. Withstands blight and brings its fruit to full size and perfection. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 85c. Not postpaid: 2 lbs. or more 75c per lb.

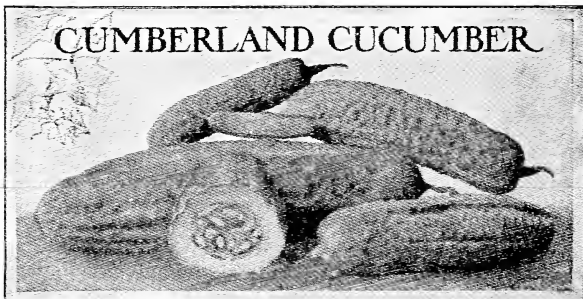
"OLDS' CATALOG TELLS THE TRUTH."



164. OLDS' SELECT WHITE SPINE. This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends. See illustration above. Very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

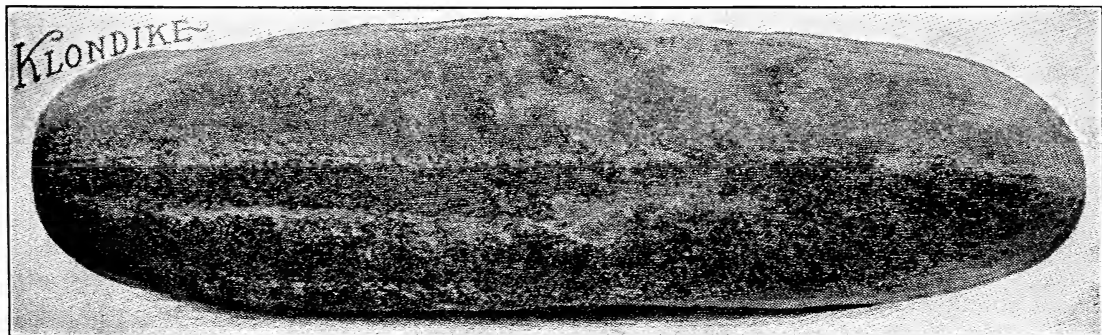


157½. SNOW'S PICKLING. An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

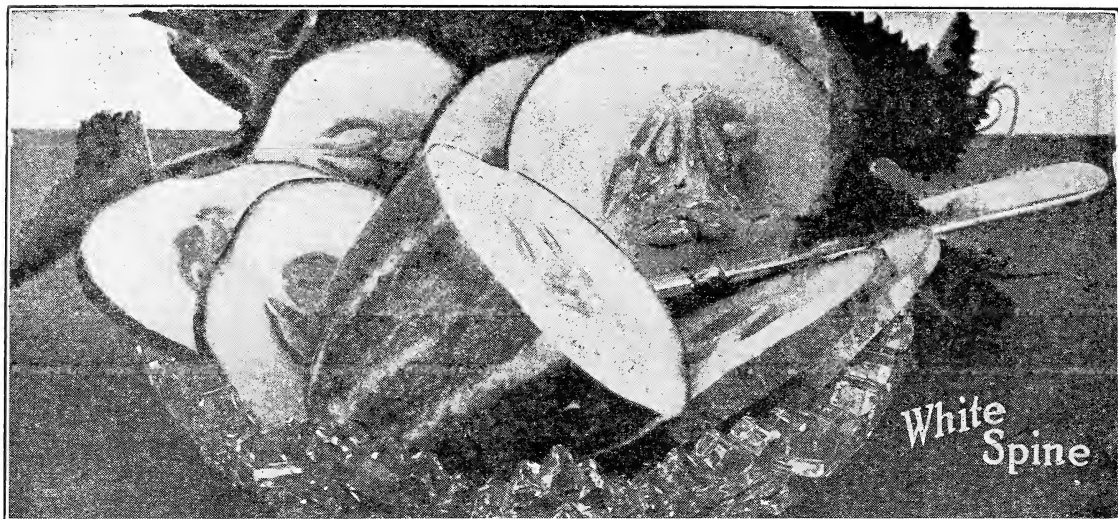


163. ★CUMBERLAND. The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 95c. Not postpaid: 2 lbs. or more, 85c per lb.

See page 51 for full and complete list of cucumbers.



162½. KLONDIKE. A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 90c per lb.



160. EXTRA EARLY WHITE SPINE. An extra early white spine; popular and a favorite with everyone. Unsurpassed for table use; also used for pickling; very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c. Not postpaid: 2 lbs., or more 55c per lb.

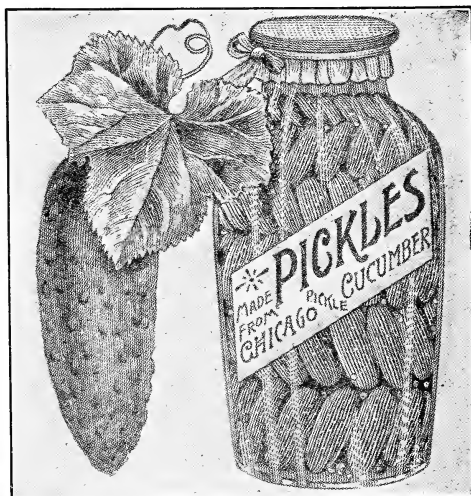


158. OLDS' IMPROVED CHICAGO PICKLING. Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends; color deep green; begins to set its fruit when the vines are quite young. Also valuable for slicing; fine flavor; never overgrown and seedy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c. Not postpaid: 2 lbs. or more, 75c per lb.

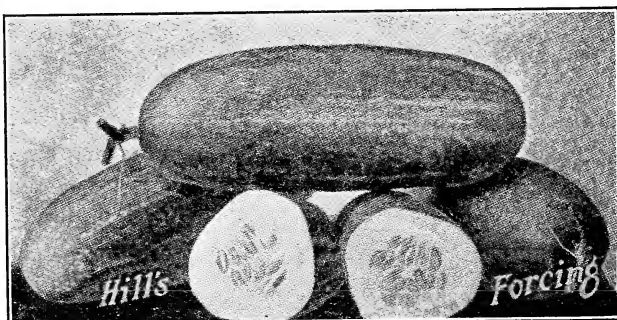
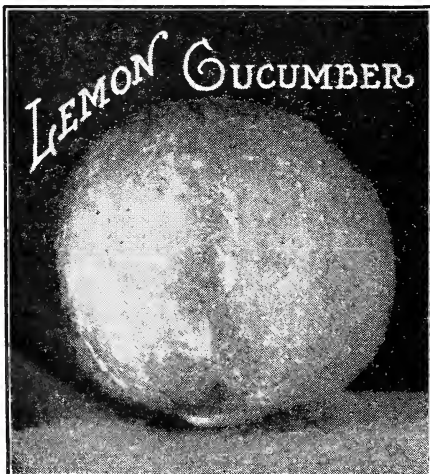


169. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., 1.25.

162. COOL AND CRISP. An early variety; very prolific. It has a dark green skin and is covered with knobs upon which the spines set; this gives it a fine appearance for pickling. It is also a fine table variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more 90c per lb.



172½. LEMON ON CUCUMBER. The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size—see illustration; grows on a vine like a cucumber. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



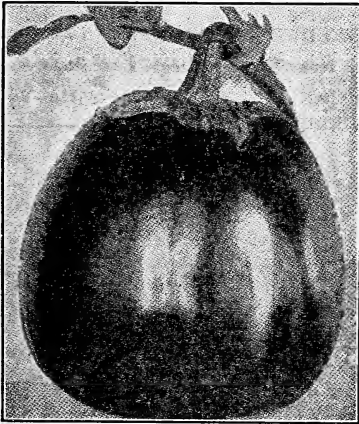
158½. HILL'S FORCING WHITE SPINE. We believe this is the most uniform shaped and the best forcing, dark green cucumber grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c. Not postpaid: 2 lbs. or more, 60c.

CUCUMBER. Full List.

Half-pounds at pound rates. Market gardeners' list for prices on larger quantities.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
155.	EARLY FRAME. An old and most popular variety; very productive.....	\$0.05	\$0.10	\$0.25	\$0.75
156.	EARLY GREEN CLUSTER. Fine for small pickles.....	.05	.10	.25	.85
157.	FORDHOOK PICKLING. One of the best and very prolific.....	.05	.10	.25	.95
157½.	SNOW'S PICKLING. See page 49 for description and illustration.....	.05	.10	.25	.85
158.	OLDS' IMPROVED CHICAGO PICKLING. Page 50.....	.05	.10	.25	.85
158½.	HILL'S FORCING WHITE SPINE. The best dark green forcing variety.....	.05	.10	.25	.70
159.	PERFECTED JERSEY PICKLE. Excellent for pickles.....	.05	.10	.25	.75
160.	EXTRA EARLY WHITE SPINE. Useful for pickling, also table use.....	.05	.10	.20	.65
160½.	★EARLY FORTUNE. One of the best cucumbers of recent introduction. Page 48.....	.05	.10	.25	.85
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.....	.05	.10	.25	.75
162.	COOL AND CRISP. Extra early, excellent for pickling or slicing.....	.05	.10	.30	1.00
162½.	KLONDIKE. The best dark green variety for slicing. Page 49.....	.05	.10	.30	1.00
163.	★CUMBERLAND. The best pickling cucumber known.....	.05	.10	.25	.95
164.	★OLDS' SELECT WHITE SPINE. Our best White Spine.....	.05	.10	.25	.75
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.....	.05	.10	.30	1.10
166.	THORBURN'S EVERBEARING. A continuous bearer.....	.05	.10	.35	1.25
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.....	.05	.10	.35	1.15
168.	★EARLY CYCLONE. King of the Earliest.....	.05	.10	.25	.75
169.	★DAVIS PERFECT. Unequaled for color, shape and productiveness.....	.05	.10	.35	1.25
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.....	.05	.10	.25	.95
171.	WEST INDIA GHERKIN or BURR. Small prickly fruits.....	.05	.10	.25	.95
172.	GIANT PERA. Large, long, smooth; flesh clear, crisp and tender.....	.05	.10	.30	1.00
172½.	LEMON. The Garden Lemon. Crisp and tender. Page 50.....	.05	.10	.35	1.25
173.	PARISIAN PICKLING. A distinct variety.....	.05	.10	.30	1.00
174.	OLDS' MIXED. Cucumbers the entire season.....	.05	.10	.20	.65

EGG PLANT



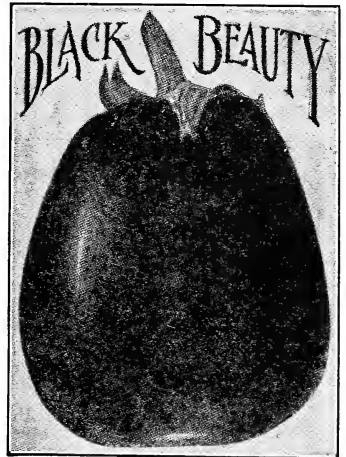
High Bush Egg Plant. Pkt., 10c.

Egg plants are easily cultivated, but should not be transplanted until the weather is assured. We can furnish plants in season—see page 74. Our packets each contain seed sufficient to produce from 100 to 150 plants. ¼ lb. will furnish plants enough to set one acre.

180. NEW YORK IMPROVED. Very large, smooth and spineless. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.30.

181. ★BLACK BEAUTY. The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly, so that the entire crop can be gathered before frost. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.45.

183. FLORIDA HIGH BUSH. A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.



ENDIVE.

Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

- 185. GREEN CURLED. Dark green leaves; blanches white.
- 186. WHITE CURLED. Leaves finely cut and almost white.
- 187. BROAD-LEAVED BATAVIAN. Leaves broad and thick.

USEFUL GOURDS.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

- 190. JAPANESE NEST-EGG. These resemble hens' eggs in color, form and size; they make the very best nest eggs.
- 191. SUGAR TROUGH. Useful for many household purposes.
- 192. THE DIPPER. Long fruits, straight or slightly crooked.
- 193. HERCULES CLUB. Ornamental as well as useful.
- 194. ORANGE. The size and shape of an orange.
- 195. PEAR-SHAPED. Striped yellow and green.
- 196. APPLE-SHAPED. Beautifully striped.
- 199. MIXED. All the above and other varieties mixed.

KALE OR BORECOLE.

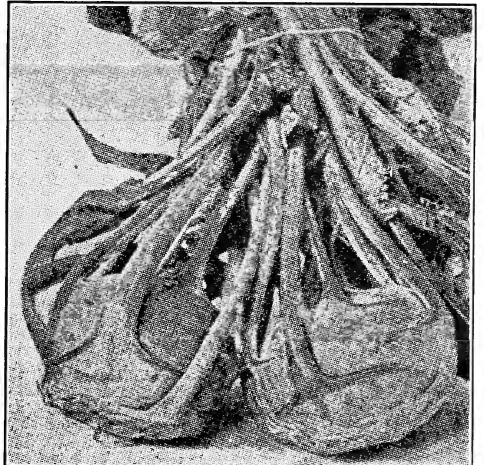
Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c.

- 200. DWARF GERMAN. Very hardy, with dark green leaves; much improved by frost.
- 201. DWARF CURLED SCOTCH. Dwarf, beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 65c.

- 205. EARLY WHITE VIENNA. Probably the best early variety.
 - 206. PURPLE VIENNA. A popular variety for table use.
- For the best variety of LEEK—see page 57.



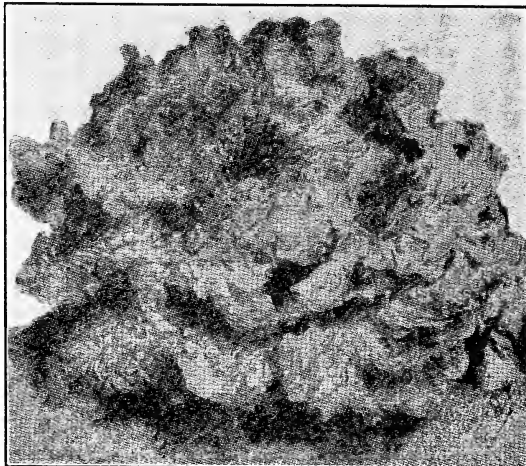
Kohl Rabi. Pkt., 10c; oz., 20c.

LETTUCE

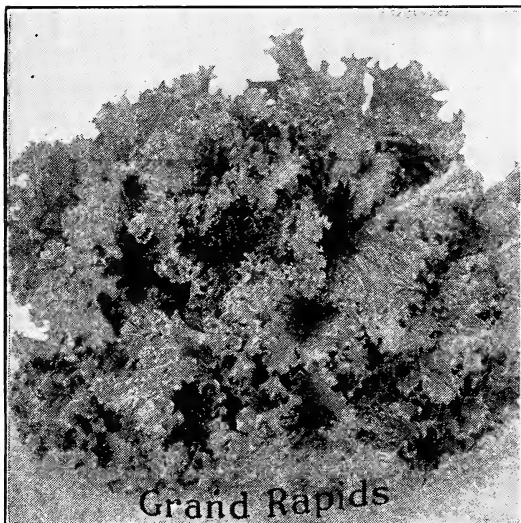
Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Order by number.



220. **★EARLY PRIZE HEAD.** A splendid lettuce for home use—see illustration above. It forms a large, tender, crisp, loose leaf head of bright crimped leaves tinged with brownish red; remains good throughout the entire season. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.



219. **BLACK-SEEDED SIMPSON.** The most popular loose leaf variety; crisp and tender. It grows a fine green leaf and the inner leaves form a loose head—see illustration above; very tender and crisp. The most desirable all-round lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

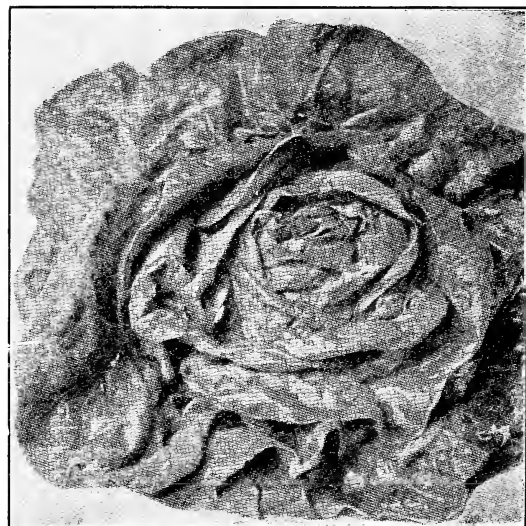


215. **GRAND RAPIDS.** (Olds' Earliest Forcing.) The best variety for forcing. It does not form heads but makes a rapid upright growth of loose leaves—see illustration above. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

223. **★UNRIVALED.** This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large (see illustration), attractive in color, and resists the summer heat. It can be sown almost the whole year round, and is crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

ORDERS—we like to get them—the more orders the better we like it. Do not hesitate even if the order is small, we give just as much attention to a 10c order as we do to an order amounting to \$10.00 or more.

THIS CATALOG is mailed without request to old customers. Notify us of any change of address.



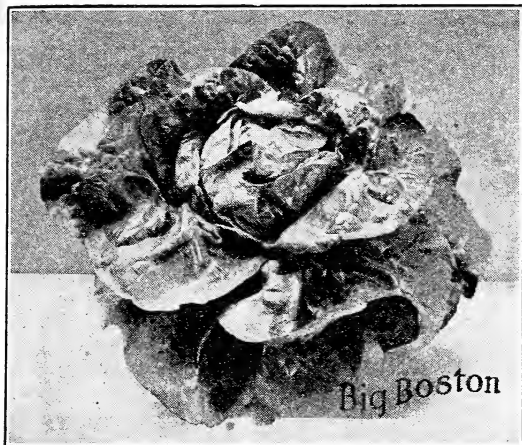
May King. Pkt., 5c; oz., 10c.

227. **★MAY KING.** The best early heading variety. The inner leaves are tightly folded—see illustration above, of good substance and of a rich yellow color. It is hardy, early and a quick grower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

231. **PARIS WHITE COS.** The best of the Cos or celery varieties. The leaves are light-green, well folded and make quite a solid head—see illustration opposite page. One of the finest varieties for summer use; the leaves should be tied up for a few days to facilitate blanching. There is an increasing demand every year for this type of lettuce. White Cos is crisp and tender, and highly prized. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EVERY MARKET GARDENER should have our market gardeners' net price list before ordering. If your order for garden seeds amounts to \$10.00 or more, you are entitled to it. Free on request.

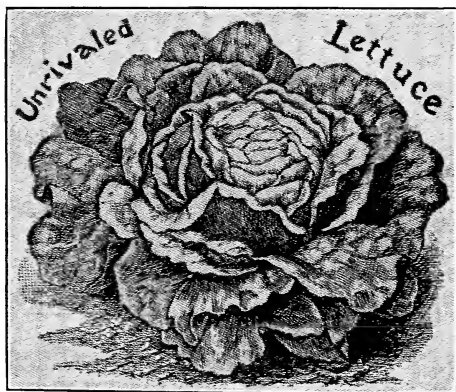
"OLDS' CATALOG TELLS THE TRUTH"



222. BIG BOSTON. The best large-heading variety: suitable for forcing. It produces fine, large, yellow heads—see illustration. The leaves are white, crisp, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

224. BLACK SEEDED BIG BOSTON. An improved shipping strain of the Big Boston. Leaves slightly smaller; heads harder; does not rot as quickly in cold, rainy weather. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

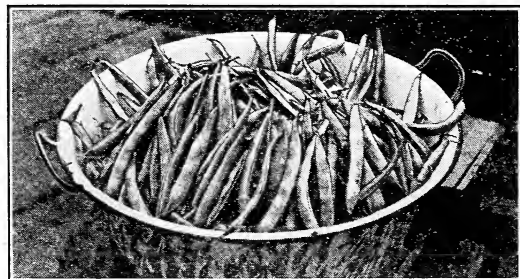
226. OLDS' GOLDEN QUEEN. One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



Unrivaled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.



Paris White Cos. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.



We believe in halftone illustrations. If you grow anything good from our seeds, send us a photograph of it like the above.

WE RECEIVE, every year, a large number of testimonial letters. These letters are of recent date and unsolicited. We like to get them and would like to print all of them in this catalogue, but cannot do so for lack of room.

See page 31 for **SPECIAL PREMIUM OFFER**.

LETTUCE. Full List.

Market Gardeners' list for larger quantities. Half pounds at pound rates.

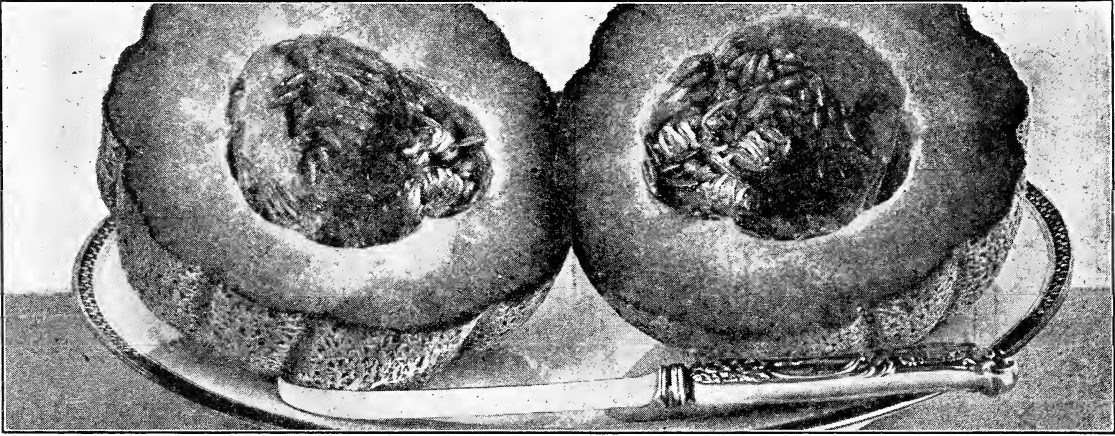
	Parcel post.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
215. ★GRAND RAPIDS. (Olds' Earliest Forcing). The best forcing variety.....	\$0.05	\$0.10	\$0.25	.80
216. ICEBERG. Solid heads, with leaves always crisp and tender.....	.05	.10	.25	.85
217. IMPROVED HANSON. Heads solid, crisp and tender.....	.05	.10	.25	.80
218. IMMENSITY. A new variety; large and heat-resisting.....	.05	.10	.30	1.00
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.....	.05	.10	.25	.75
220. ★EARLY PRIZE HEAD. Splendid for family use.....	.05	.10	.25	.70
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.....	.05	.10	.25	.75
222. BIG BOSTON. The best large-headed variety for forcing.....	.05	.10	.25	.80
223. ★UNRIVALED. It is early, attractive and resists heat.....	.05	.10	.25	.85
224. BLACK SEEDED BIG BOSTON. An improved strain of Big Boston.....	.05	.10	.25	.80
225. CALIFORNIA CREAM BUTTER. Extra fine.....	.05	.10	.25	.85
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.....	.05	.10	.30	1.00
227. ★MAY KING. The best early-heading variety. Can also be used for forcing.....	.05	.10	.25	.85
228. ALL THE YEAR ROUND. One of the best varieties for market.....	.05	.10	.25	.95
229. OAK LEAVED. Light green, in shape like an oak leaf.....	.05	.10	.30	1.00
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson.....	.05	.10	.35	1.15
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves.....	.05	.10	.30	1.00
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing.....	.05	.10	.25	.65

OLD LETTUCE SEED FOR BIRDS. Lb., 35c; postpaid. Not prepaid: 5 lbs. or more, 25c per lb.

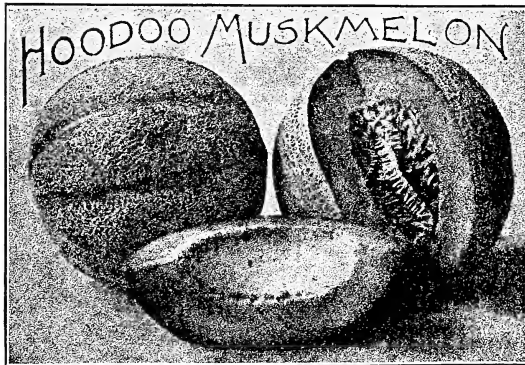
MUSKMELON

Our Muskmelon Seed is the best that can be grown. 15 to 20 hills; 2 to 3 lbs. will plant one acre in hills. mend. Order by number.

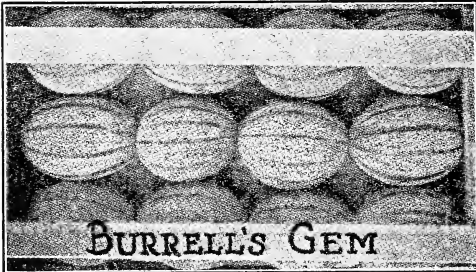
Each packet contains $\frac{1}{4}$ oz. of seed, enough to plant from Those marked with a star are the varieties we specially recom-



244. ★**OLDS' ROCKY FORD** or **NETTED GEM**. The melon that has made Rocky Ford Famous. Illustrated above. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more, 65c per lb.



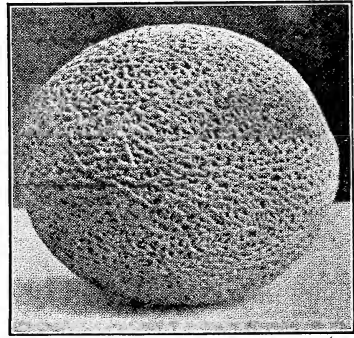
247. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.



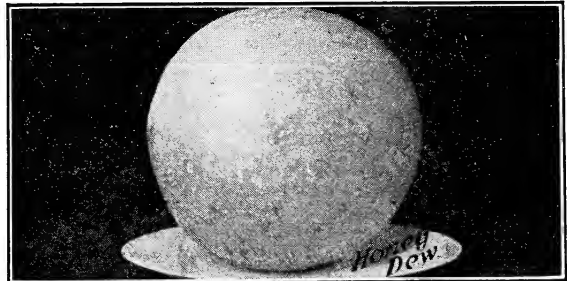
242. **BURRELL'S GEM**. The golden fleshed Rocky Ford. Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and $4\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is very thick, fine-grained and spicy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

252. **WINTER MUSKMELON**. Golden Beauty Casaba. The Eastern trade prefers it to any other—try it. Pkt., 5c; oz., 15c, or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

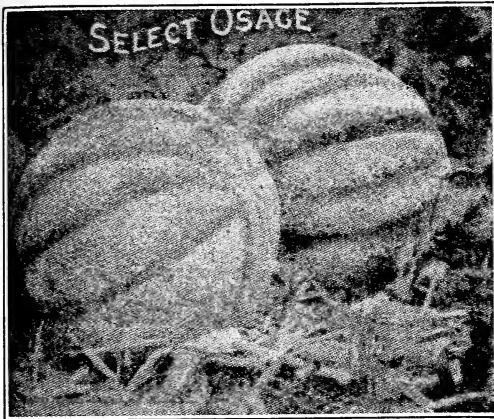
247 $\frac{1}{2}$. **GOLD LINED ROCKY FORD**. One of the sweetest and most delicious melons grown. The flesh is thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed was grown for us by the originator. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



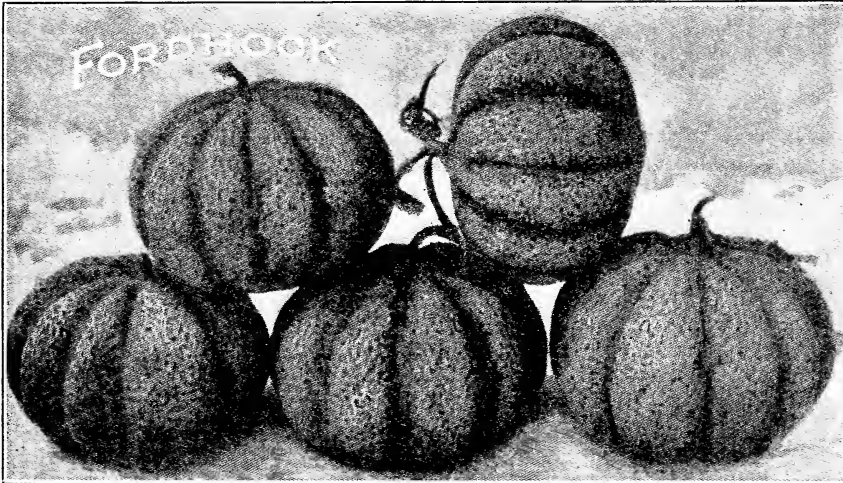
244 $\frac{1}{2}$. **TEXAS CANNON BALL**. Round, medium sized, heavily netted. See illustration above. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest seed cavity. Can be shipped any distance. Excellent also for home use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c. Not prepaid: 2 lbs. or more, 70c per lb.



253. **HONEY DEW MELON**. The famous Honey Dew is as sweet as honey and has several flavors, including pineapple, banana and vanilla. See illustration above for size and appearance. Flesh green, very thick, melting and fine grained. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.



239. **★OLDS' SELECT OSAGE.** The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration above), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c. Not postpaid: 2 lbs. or more, 80c per lb.
245. **OLDS' EARLY MODEL.** The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape—see illustration. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c. Not postpaid: 2 lbs. or more at 75c per lb.



243½. **FORDHOOK.** A new melon, which equals the Emerald Gem in flavor. It is firm, nicely netted, with thick, solid salmon-colored flesh. Quite early, vigorous in growth and very prolific. The melons are even in size and good shippers. They make a very fine appearance and will command a good price in any market. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs., or more, 90c per lb.

240½. **EXTRA EARLY OSAGE.** An excellent new variety; fully a week earlier than the Osage. The fruits are nearly as large; flesh very thick, salmon-colored and of high quality. Pkt., 10c; 2 pkts. (½ oz.), 15c; oz. 20c; ¼ lb., 60c.

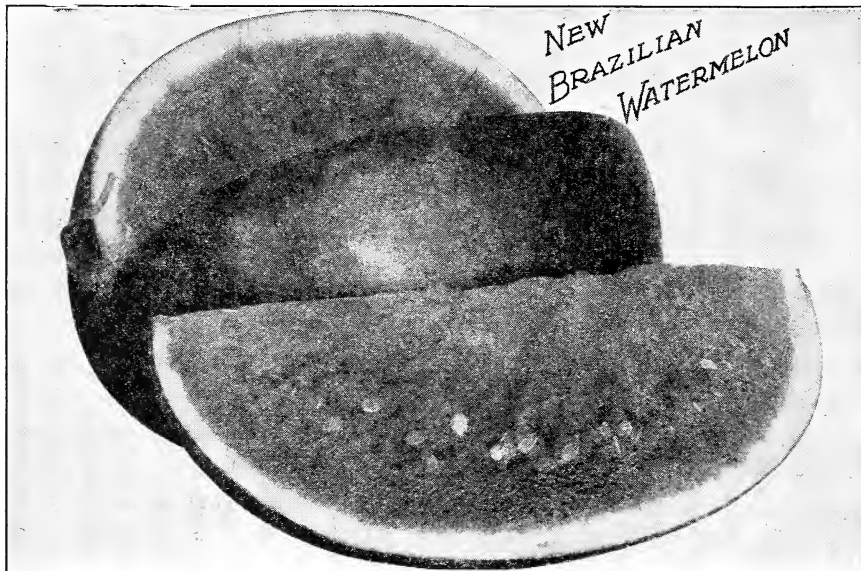
MUSKMELON. Complete List.

For larger quantities, see our Market Gardeners' net price list. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
235.	CHICAGO MARKET. Early, of uniform size; green-fleshed.....	\$0.05	\$0.10	\$0.30	\$1.00
236.	EXTRA EARLY HACKENSACK. Earlier and larger than the old Hackensack.....	.05	.10	.30	1.00
237.	BURPEE'S NETTED GEM. Early; small, round and of fine flavor.....	.05	.10	.25	.95
238.	EMERALD GEM. One of the sweetest melons in cultivation.....	.05	.10	.30	1.00
239.	★OLDS' SELECT OSAGE. The most popular melon with our customers.....	.05	.10	.25	.90
240.	MONTREAL NUTMEG. A large, late variety, of superior quality.....	.05	.10	.25	.85
240½.	EXTRA EARLY OSAGE. A new early variety; salmon-colored flesh.....	.10	.20	.60	
241.	CHAMPION MARKET. As early as Netted Gem; large and prolific.....	.05	.10	.30	1.00
242.	BURRELL'S GEM. The golden-fleshed Rocky Ford.....	.05	.10	.25	.85
243.	★PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet and highly flavored.....	.05	.10	.30	1.00
243½.	FORDHOOK. A handsome, new melon; very prolific.....	.05	.10	.25	.75
244.	★OLDS' ROCKY FORD. The melon that has made Rocky Ford, Colo., famous.....	.05	.10	.25	.80
244½.	TEXAS CANNON BALL. The melon with the smallest seed cavity. Page 54.....	.05	.10	.25	.85
245.	★OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.....	.05	.10	.25	.80
246.	MAMMOTH GIANT. The largest good muskmelon grown.....	.05	.10	.35	1.15
247.	HOODOO MUSKMELON. A good all-purpose melon.....	.05	.10	.25	.80
247½.	GOLD LINED ROCKY FORD. Thick flesh, with a gold margin next to the seed cavity.....	.05	.10	.35	1.25
248.	GREEN FLESHED OSAGE. Very hardy and prolific.....	.05	.10	.30	1.00
248½.	BANANA. A delicious melon, shaped and flavored like a banana.....	.05	.15	.50	1.75
249.	OLDS' MIXED. A selection of varieties grown separately and the seed mixed together.....	.05	.10	.25	.75
250.	MANGO MELON. Vegetable Orange or Vine Peach.....	.05	.10	.35	1.25
251.	NEW BUSH. A bush variety—can be planted in hills three feet apart.....	.10	.20	.70	2.50
252.	WINTER MUSKMELON. Golden Beauty Casaba. Give it a trial. See page 54.....	.05	.15		
253.	HONEY DEW MELON. As sweet as honey. Can be eaten to the extreme rind. Page 54.....	.10	.20	.70	2.50

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed-growers of experience. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient to plant from 10 to 15 hills: 3 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Two pounds or more at 5 pound rates. For larger quantities, see our market gardeners' net price list—free on request.



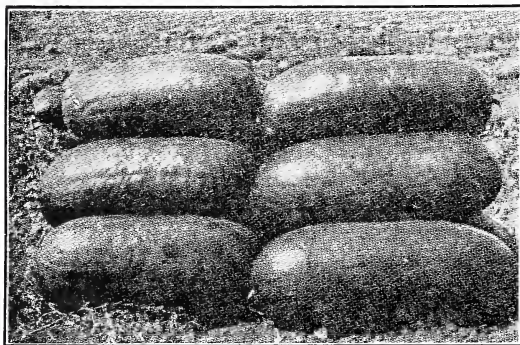
268½. BRAZILIAN. The prize melon comparatively new—give it a trial. Dorothy Cornell, of Mayer, Minn., writes:

"I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before but this year had some very nice, sweet, juicy melons and any one buying some of your Brazilian Watermelon seed will be more than satisfied. I am sure." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

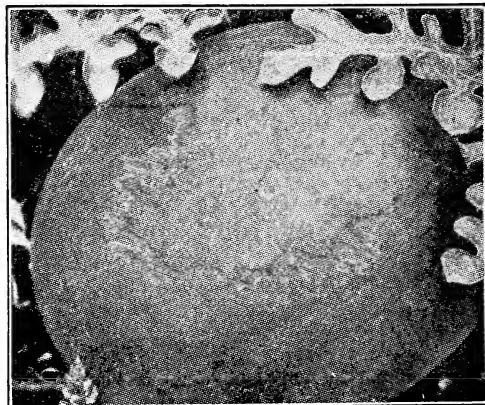
262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious; adapted to our locality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.25.

It will pay to try some of Olds' Wisconsin Standards—see page 32.

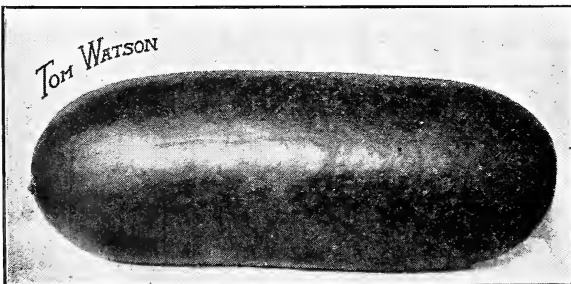
265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



Kleckley Sweets. Pkt., 5c; oz., 10c.



Chilian. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.



Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

267. ★ICE CREAM OR PEERLESS. A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 5 lbs., \$3.25.

270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance—see illustration; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 5 lbs., \$4.50.

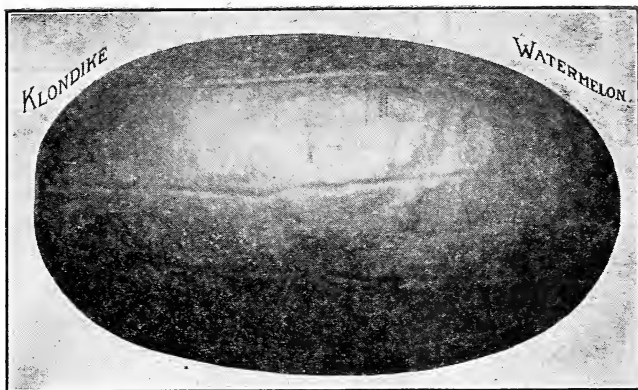
271½. TOM WATSON. A large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and very handsome in appearance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c. Not postpaid: 5 lbs., \$3.75.



270½. KLONDIKE. The sweetest melon grown. A new introduction of great merit—see illustration. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

276½. WINTER. The Winter Watermelon is earlier than "The Sweetheart," almost as hard and solid as a citron. Will keep long into the winter. The melons are almost round with a light green skin. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Seed scarce and high priced—order early. Pkt., 5c; 2 pkts., (½ oz.), 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

273. HALBERT HONEY. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is one of the sweetest melons yet introduced. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



274. HUNGARIAN HONEY. A superb melon and one of the sweetest in cultivation. It is of medium size and very hardy. The color is dark green; flesh bright red, sweet as honey and of the finest flavor. Altogether this is one of the most satisfactory melons grown and should be in every home garden. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb. \$1.25.

WATERMELON. Full List.

For larger quantities, see our market gardeners' net price list. ½ lbs., at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
260.	WONDERFUL SUGAR. (McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.	\$0 05			
261.	SWEET HEART. The best long shipper. Large oval, flesh bright red, solid and tender.	.05	.10	.30	1.00
262.	★ COLE'S EARLY. A very early melon; just right in size and shape.	.05	.10	.25	.75
262½	PHINNEY'S EARLY. A very early melon, suitable for the north.	.05	.10	.25	.75
263.	FORDHOOK EARLY. The earliest large melon; a good shipper.	.05	.10	.25	.85
264.	KOLE'S GEM. A well-known shipper. Large and a heavy yielder; bright red flesh.	.05	.10	.20	.65
264½	DARK ICING. Skin dark green; flesh sweet and melting—the trucker's favorite.	.05	.10	.25	.75
265.	OLDS' 1908 MELON. Promises to be the most profitable melon for the grower and dealer, as well as best for the consumer. Page 56.	.05	.10	.30	1 00
266.	DUKE JONES. An excellent shipper; flesh red, sweet and juicy.	.05	.10	.25	.85
266½	LIGHT ICING. Skin light green; flesh red, crisp and sweet.	.05	.10	.30	1.00
267.	★ ICE CREAM or PEERLESS. A standard home variety.	.05	.10	.25	.75
268.	JONES' JUMBO. Round, of large size, and of extra good quality.	.05	.10	.25	.85
268½	BRAZILIAN. Sweet, luscious and attractive. Page 56.	.05	.10	.25	.75
269.	GIRARDEAU'S TRIUMPH. Large, prolific and sweet. A good shipper.	.05	.10	.30	1.00
270.	★ KLECKLEY SWEETS. One of the finest melons yet introduced.	.05	.10	.30	1.00
270½	★ KLONDIKE. The sweetest melon grown—try it.	.05	.10	.25	.80
271.	★ ALABAMA SWEET. A new early maturing melon.	.05	.10	.25	.85
271½	TOM WATSON. A new Watermelon. Description page 56.	.05	.10	.30	1.00
272.	BLACK DIAMOND. A new melon—large and productive; a good shipper; rich, red, flesh.	.05	.10	.30	1.00
272½	GOLDEN HONEY. A beautiful golden-flesh melon. One of the finest in quality. Very tender and sweet. This melon has no hard core or stringy sections.	.05	.10	.30	1.00
273.	HALBERT HONEY. A new melon; one of the best for the home garden.	.05	.10	.30	1.00
274.	HUNGARIAN HONEY. A superb melon and one of the sweetest.	.05	.10	.35	1.25
275.	PRESERVING CITRON. Colorado Preserving. The most desirable.	.05	.10	.30	1.00
276.	GEORGIA RATTLESNAKE. A large, oblong, dark green melon; very popular in the South.	.05	.10	.25	.85
276½	WINTER. The Winter Watermelon. See description at top of page.	.05	.15	.40	1.50
277.	MIXED. Will produce choice melons throughout the whole season.	.05	.10	.25	.70

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. AMERICAN FLAG. A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 70c.

HERBS.

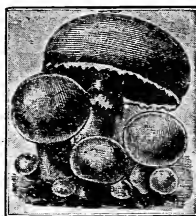
The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

480.	Anise	Pkt. 5c, oz. 15c, ¼ lb. 55c
481.	Balm	Pkt. 5c, oz. 25c, ¼ lb. 80c
483.	Caraway	Pkt. 5c, oz. 20c, ¼ lb. 55c
485.	Dill	Pkt. 5c, oz. 20c, ¼ lb. 55c
486.	Fennel, Sweet	Pkt. 5c, oz. 15c, ¼ lb. 40c
487.	Horehound	Pkt. 5c, oz. 25c, ¼ lb. 90c
488.	Lavender	Pkt. 5c, oz. 25c, ¼ lb. 80c
489.	Majoram, Sweet	Pkt. 5c, oz. 20c, ¼ lb. 60c
490.	Rosemary	Pkt. 5c, oz. 45c, ¼ lb.
492.	Sage	Pkt. 5c, oz. 25c, ¼ lb. 70c
493.	Summer Savory	Pkt. 5c, oz. 25c, ¼ lb. 70c
494.	Winter Savory	Pkt. 5c, oz. 25c, ¼ lb. 80c
496.	Thyme	Pkt. 5c, oz. 30c, ¼ lb. 1.00
498.	Wormwood	Pkt. 5c, oz. 15c, ¼ lb. 40c
499.	Mixed (all the above)	Pkt. 5c, oz. 15c, ¼ lb. 40c

SAGE. Holt's Mammoth. Plants only, 30c each.

MUSTARD.

- Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.
255. BLACK OR BROWN. More pungent than white.
256. NEW WHITE CHINESE. Large tender leaves.
257. NEW MISTROUS. A new thick-leaved variety.
258. WHITE LONDON. Fine for salads and garnishing.



MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 11-13 lbs. Cultural directions free with every order. One brick, 30c; 3 bricks (4 lbs.), 85c. Not prepaid: 1 brick, 20c; 3 bricks, 55c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 30c, postpaid, or free with an order of 6 bricks, or more.

OKRA.

278. WHITE VELVET. Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

"Olds' Catalog Tells the Truth."

ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One pound will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest onions. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.



	By mail, postpaid.		By express or freight.					
	½ lb.	lb.	½ lb.	lb.	4 lbs.	8 lbs.	bu.	
WHITE BOTTOM.....	\$0.20	\$0.30	\$0.15	\$0.20	\$0.65	\$1.20	\$4.50	
YELLOW BOTTOM.....	.20	.30	.15	.20	.55	1.00	3.75	
RED BOTTOM.....	.20	.30	.15	.20	.60	1.15	4.25	
RED TOP (Improved).....	.20	.35	.15	.25	.75	1.40	5.50	
EGYPTIAN or PERENNIAL.....	.20	.30	.15	.20	.65	1.25	4.75	
WHITE MULTIPLIER.....	.20	.35	.15	.25	.75	1.45	5.75	
RED MULTIPLIER.....	.20	.35	.15	.25	.70	1.30	5.00	

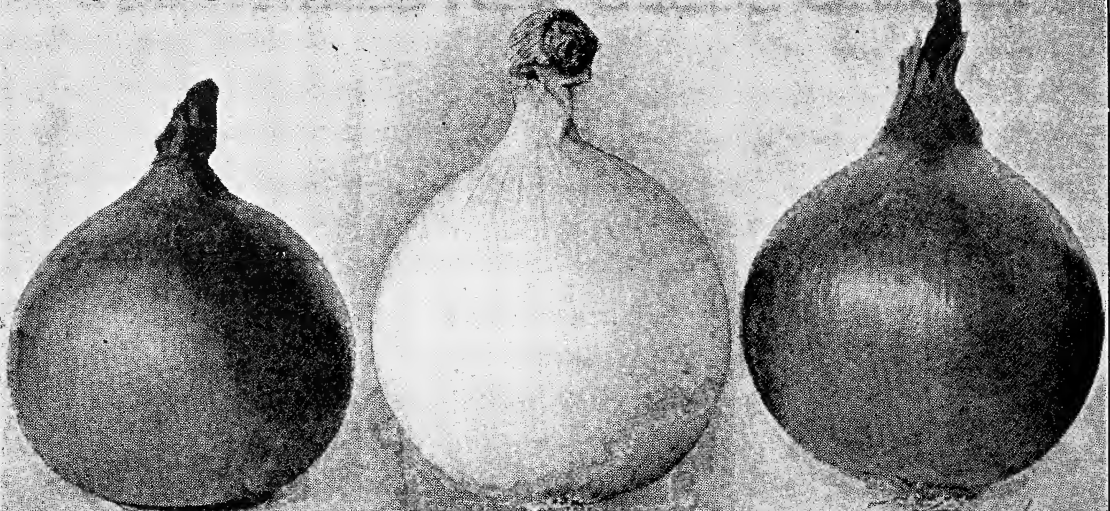
F. W. Smith, Belleflower, Cal., says: "I am well pleased with the seeds I received. The seeds were planted at once and are up and growing nicely."

E. D. Kidder, Marshall, Minn., says: "Your seeds are all right. I sold from one-half acre, \$195.00 worth of melons, besides supplying the family and having a few cooned."

ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seed, sufficient to sow from 10 to 15 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Order by number. Three pounds or more at 5-lb. rates. For larger quantities see our market gardeners' price list free on request.

OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON



OLD'S' THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

280. OLD'S' GOLDEN GLOBE. A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; 3 pkts. (½ oz.), 25c; oz., 40c; ¼ lb., \$1.40.

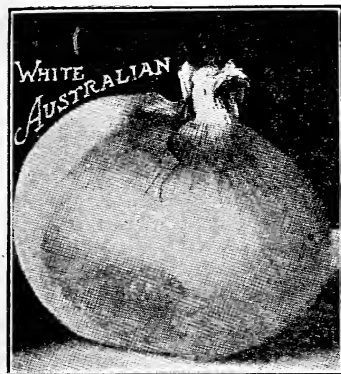
281. OLD'S' SILVER GLOBE. Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; 3 pkts. (½ oz.), 25c; oz., 40c; ¼ lb., \$1.45; lb., \$5.75.

282. OLD'S' CRIMSON GLOBE. Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy; a good keeper and very productive. Pkt., 10c; 3 pkts. (½ oz.), 25c; oz., 35c; ¼ lb., \$1.35; lb., \$5.25.

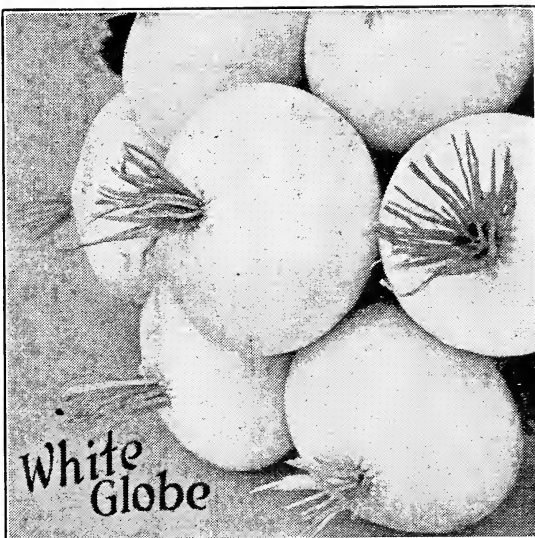
"OLD'S' CATALOG TELLS THE TRUTH."



289. **WHITE AUSTRALIAN.** A brand new onion and a new creation. The illustration shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. Pkt., 10c; 3 pkts., ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.05; lb., \$4.00.



292. **WHITE GLOBE.** Beautiful and symmetrical, with clear pure white skin — see illustration. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market onion. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.45; **CALIFORNIA GROWN SEED:** $\frac{1}{4}$ lb., \$1.45.



285. **★OLDS' BEST YELLOW GLOBE DANVERS.** The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. Ours is the best strain of Yellow Globe Danvers. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.05; lb., \$4.00. Not prepaid: 5 lbs., \$19.50.

290. **★SOUTHPORT YELLOW GLOBE.** Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., ($\frac{1}{2}$ oz.), 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$5.25. Not postpaid: 5 lbs., \$25.75 **CALIF. GROWN SEED:** 5 lbs., \$25.50.

291. **★SOUTHPORT LARGE RED GLOBE.** The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. We offer the true Southport strain. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., ($\frac{1}{2}$ oz.), 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.30; lb., \$5.00. **CALIF. GROWN SEED:** Not postpaid: 5 lbs., \$24.50.

297 $\frac{1}{2}$. **GIGANTIC GIBRALTAR.** The giant Gibraltar is a large Spanish onion introduced more than 20 years ago, as the largest onion grown. It is still the largest onion we know of, single specimens having been grown to weigh almost two pounds. The skin is a light straw color; flesh white, mild and tender. Pkt., 15c; 2 pkts., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.55; lb., \$6.00.

288. **AILSA CRAIG.** An onion unexcelled for form, size and weight. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 15c; 2 pkts., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.55.

300. **OLDS' SELECT OHIO YELLOW GLOBE.** This is a bright yellow onion, with a small neck, illustrated below; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 10c; 3 pkts. ($\frac{1}{2}$ oz.), 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.25.

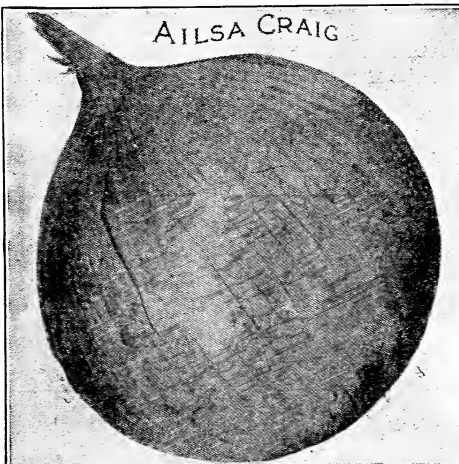
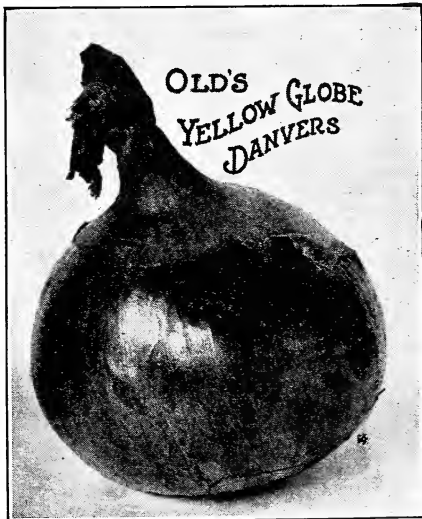


301. **MICHIGAN YELLOW GLOBE.** This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 10c; 3 pkts., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.95. Not postpaid: 3 lbs. or more, \$3.85 per lb.

We state under the heading of each vegetable the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS printed on every packet, and ounce package.

Full and complete list of onions next page.



ONION—CONTINUED.



287. **OLDS' EXTRA LARGE RED WETHERSFIELD.** The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and better flavored than any other sort. It is in every respect a perfect red. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50. Not postpaid: 5 lbs., \$17.00.
295. **OLDS' LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 10c; 3 pkts., (½ oz.), 25c; oz., 35c; ¼ lb., \$1.25; lb., \$4.75.
304. **MIXED ONION SEED.** Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions, some globe-shaped and some flat. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.95.

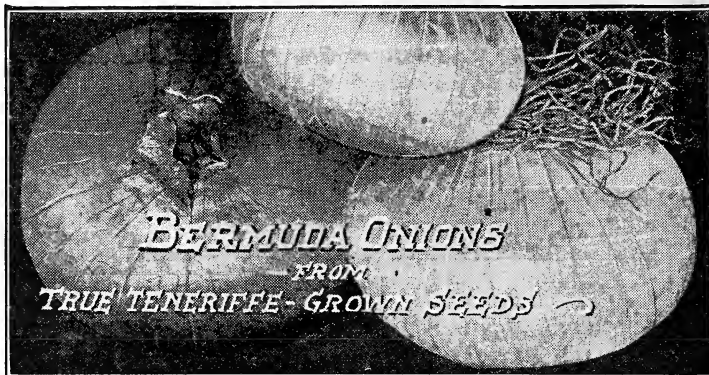
BERMUDA ONION.

Bermuda Onions are becoming more popular every year and strictly first class seed was in greater demand last year than ever before. Our seed is direct from Teneriffe, Canary Islands.

283. **CRYSTAL WAX.** The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten out of the hand like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75.

284. **YELLOW BERMUDA.** The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

284½. **RED BERMUDA.** The largest variety. Price, same as for Yellow Bermuda. One packet each of the above Red, White and Yellow, for 25 cents.

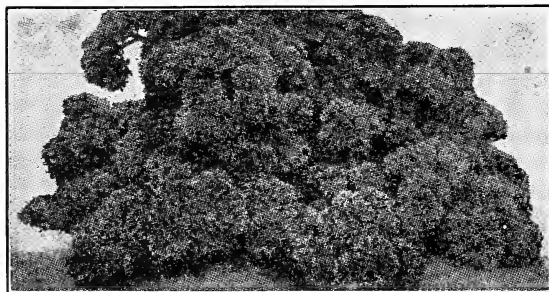


ONION. Full List.

For larger quantities see our market gardeners' net price list. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
280.	OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.....	\$0.10	\$0.40	\$1.40	
281.	OLDS' SILVER GLOBE. One of the most handsome onions grown.....	.10	.40	1.45	5.75
282.	OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.40	1.35	5.25
283.	CRYSTAL WAX. The most attractive and the most profitable Bermuda Onion.....	.10	.30	1.00	3.75
284.	YELLOW BERMUDA. The standard variety; pale yellow in color.....	.10	.25	.90	3.50
284½.	RED BERMUDA. The largest variety.....	.10	.25	.85	3.25
285.	★ OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.10	.30	1.05	4.00
286.	EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.10	.25	.80	3.00
287.	OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain.....	.10	.25	.90	3.50
288.	AILSA CRAIG. A most excellent shaped onion. See page 59.....	.10	.40	1.55	
289.	WHITE AUSTRALIAN. Brand new. Better than Australian Brown.....	.10	.30	1.05	4.00
290.	SOUTHPORT YELLOW GLOBE. A heavy yielder. See page 59.....	.10	.40	1.35	5.25
291.	★ SOUTHPORT LARGE RED GLOBE. Most handsome and most perfect globe-shaped onion.....	.10	.40	1.30	5.00
292.	SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.10	.40	1.45	
293.	WHITE PORTUGAL or Silver Skin. A favorite white onion; very mild.....	.10	.35	1.30	5.00
294.	YELLOW DANVERS FLAT. Largely grown for market and for sets.....	.10	.25	.90	3.50
295.	OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.....	.10	.35	1.25	4.75
296.	MAMMOTH SILVER KING. Handsome, sweet, tender and mild.....	.10	.35	1.35	5.25
297.	★ PRIZE-TAKER. The genuine. Large and handsome.....	.10	.40	1.45	
297½.	★ GIGANTIC GIBALTAR. The largest mild-flavored onion we know of. See page 59.....	.15	.40	1.55	6.00
299.	AUSTRALIAN BROWN. Extra early and a sure cropper.....	.10	.30	1.05	4.00
299½.	YELLOW STRASBURG. The variety most used for sets.....	.10	.25	.90	3.50
300.	OLDS' SELECT OHIO YELLOW GLOBE. See page 59.....	.10	.30	1.10	4.25
301.	MICHIGAN YELLOW GLOBE. A heavy cropper.....	.10	.30	1.00	3.95
303.	★ OLDS' EARLY WHITE QUEEN. The best for small pickles.....	.15	.40	1.45	
303½.	WHITE WELSH. Most suitable for green onions.....	.10	.30	1.30	5.00

If not particular as to variety—plant our **MIXED ONION SEED.** Lb., \$2.95, postpaid.



307. ★**THE ARLINGTON.** A fine new, double, curled parsley. It withstands heat, cold and drought. Pkt., 5c; oz., 10c; ¼ lb., \$2.5c; lb., 90c.

PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.

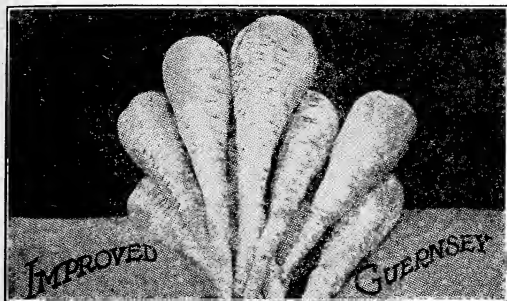
308. **OLDS' DWARF PERFECTION.** A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

306. **FERN-LEAVED.** Fern-shaped leaves. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

“Olds' Catalog Tells the Truth.”

PARSNIP



While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 30 feet long; 5 lbs. will seed one acre.

	By parcel post.			
	pkt.	oz.	¼ lb.	lb.
310. ★IMPROVED GUERNSEY. The best variety: roots smooth and easily harvested.....	\$0.10	\$0.20		
311. HOLLOW CROWN. The old standard variety.....	.10	.20	.55	

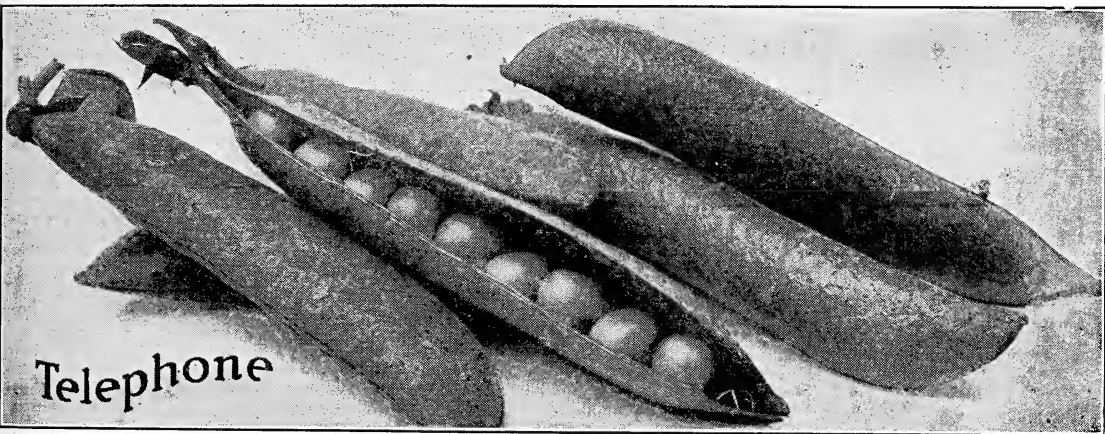
310. ★IMPROVED GUERNSEY PARSNIP. An improved strain and one that has given general satisfaction. See illustration opposite. Pkt., 10c; 2 pkts., 15c; oz., 20c.

☛ Orders to go by mail are filled the same day as received.

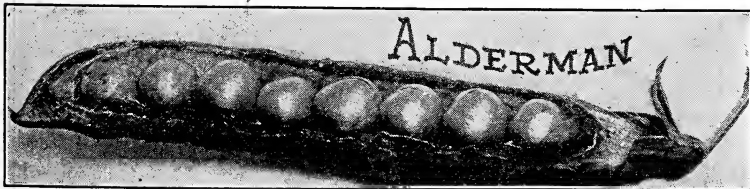
PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill; one pound will plant 75 feet; 90 to 120 lbs. an acre. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Freight prices on page 64.

320½. ★OLDS' BEST EXTRA EARLY. The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1 lb., 30c; 2 lbs., 55c.



322. TELEPHONE.* The leading market gardeners' variety. The vines are tall and vigorous, producing an abundance of large well filled pods—see illustration above. It comes into use soon after Premium Gem. Also one of the best sorts for the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1 lb., 35c; 2 lbs., 60c.



333½. ALDERMAN.* A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance—see illustration. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1 lb., 30c; 2 lbs., 55c.

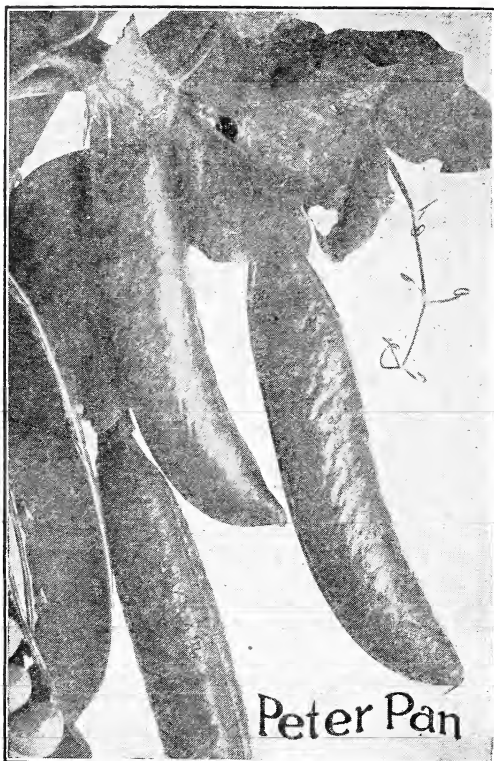
320. ★SURPRISE.* A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; 1 lb., 30c; 2 lbs., 55c.

REMEMBER. We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight, unless otherwise noted.

If you buy peas by the pint you get 15 ounces. Buy by the pound and get full 16 ounces.

324½. LAXTONIAN.* The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1 lb., 35c; 2 lbs., 65c.

326½. PIONEER.* A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pk., 10c; 2 pkts. (¼ lbs.), 15c; 1 lb., 35c; 2 lbs., 65c.



PETER PAN.* 321½. Peter Pan is a new variety offered by us two years ago for the first time. It is destined to become the leading early, dwarf pea; very productive, producing long, dark green pods filled with peas of the finest flavor—see illustration above. The plants (covered with pods) are robust in habit and grow about 18 inches in height. We recommend Peter Pan for the market and for the home garden. Crop very short, order early. Price for 1918: Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

323½. SUTTON'S EXCELSIOR.* A new large-podded dwarf variety, also one of the most vigorous in growth and unsurpassed in quality. The plants grow 14 inches high and are very productive, producing the largest pods (see illustration) of any of the dwarf varieties. The peas are handsome in appearance and mature nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

339. LITTLE MARVEL.* A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

THREE SPLENDID PEAS FOR SUCCESSION.

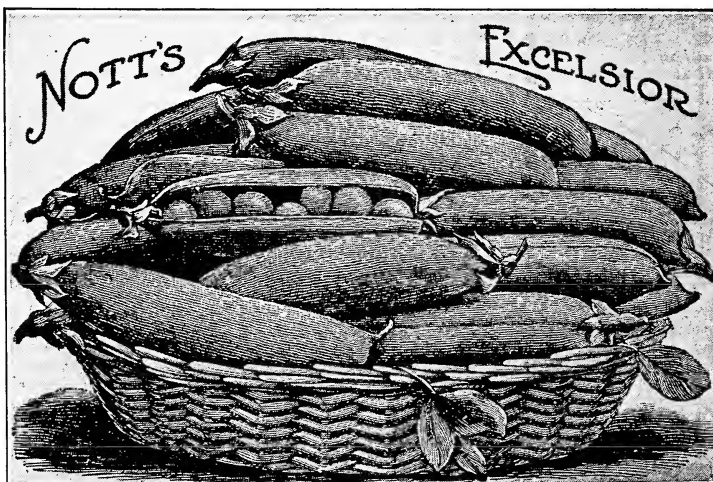
One pkt. each, 25c; one lb. each, 85c; 2 lbs. of each \$1.65, postpaid. By express or freight, not prepaid: 2 lbs., of each \$1.35; 7½ lbs., of each \$5.35.

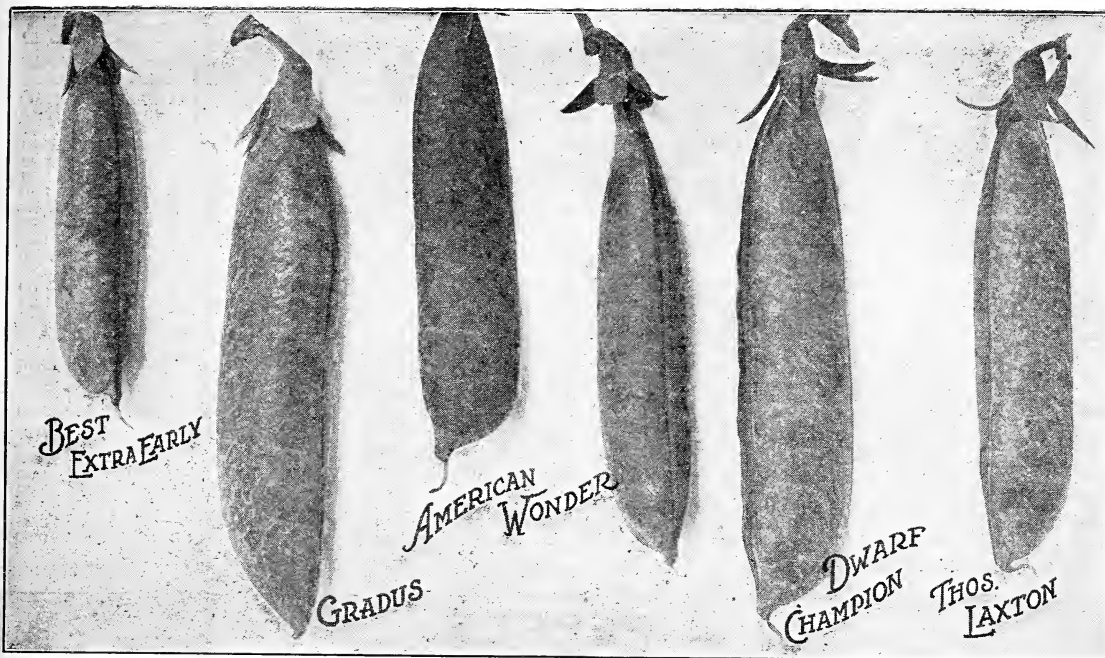
325. ★NOTT'S EXCELSIOR.* The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Premium Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.

321. THE HEROINE.* Our best second early. It bears profusely and produces large pods, well filled with the very best peas. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

326. IMPROVED STRATAGEM.* The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; height 18 inches—one of the very finest for a later second early. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

If more than \$10.00 worth of garden peas are wanted, send for our Market Gardeners' net price list before ordering. Free on request.



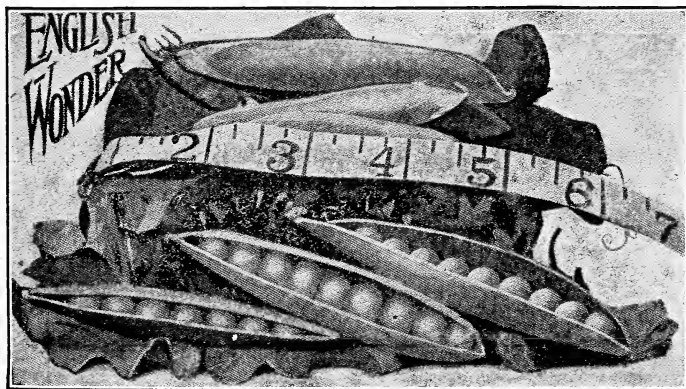


324. **★GRADUS.*** Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

330. **AMERICAN WONDER.*** A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; lb., 30c; 2 lbs., 55c.

336. **IMPROVED DWARF CHAMPION.*** The Dwarf Champion is a dwarf-growing strain of the well known variety—Champion of England. It grows only two feet high but has all the good qualities of its parent. The pods are three inches in length, round and well filled. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.

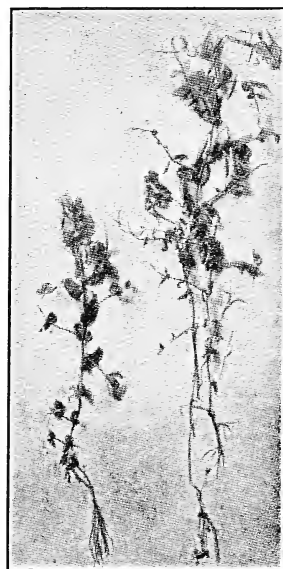
334. **THOMAS LAXTON.*** A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.



333. **★ENGLISH WONDER.*** The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.

335. **★OLDS' DWARF TELEPHONE.*** The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality; handsome and just right for the market and the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

The growth of Garden Peas is greatly stimulated and the yield much increased by the use of standard inoculation. Very quickly and easily applied and costs only 50 cents per bottle. By mail, 60 cents. See page 27.



Not Inoculated. Inoculated.

"Olds' Catalog Tells the Truth."

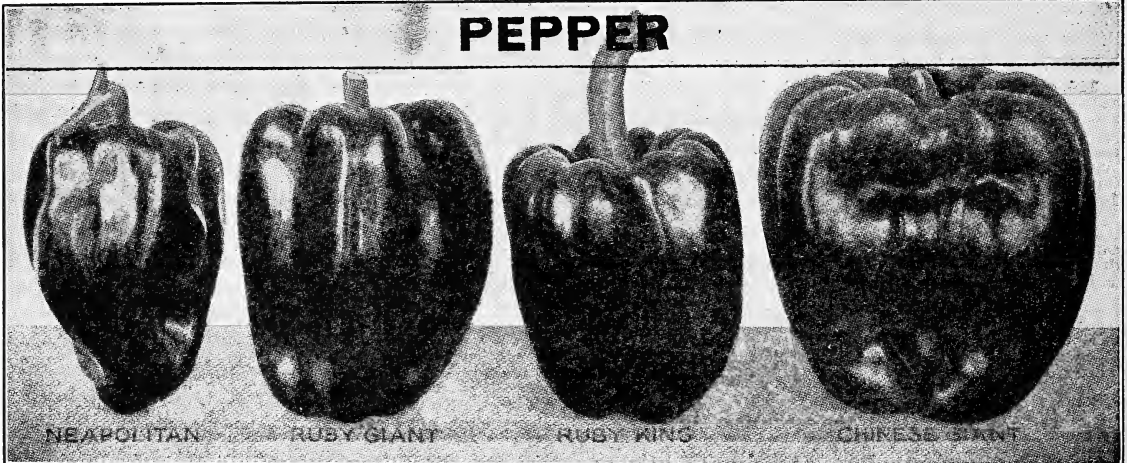
PEAS. Full List.

30 lbs., at 60 lb. rates. 7 lbs., one half pk.; 14 lbs., one pk., 56 lbs., one bu., except where noted.

	By parcel post.			By express or freight.			
	pkt.	lb.	2 lbs.	2 lbs.	7½ lbs.	15 lbs.	60 lbs.
320. ★SURPRISE* The earliest of all wrinkled peas.....	\$0.10	\$0.30	\$0.55	\$0.45	\$1.55	\$3.05	\$12.00
320½. ★OLDS' BEST EXTRA EARLY. The best strain. Bu. 60 lbs.....	.10	.30	.55	.45	1.60	3.15	12.50
321. THE HEROINE* Our best second early.....	.10	.35	.60	.50	1.95		
321½. PETER PAN* The leading dwarf early pea. Page 62.....	.10	.35	.65	.55	2.05	4.05	16.00
322. TELEPHONE* Most popular late variety. See page 61.....	.10	.35	.60	.50	1.80	3.55	14.00
323. ALASKA. The earliest of all blue peas. Very productive. Bu. 60 lbs.....	.10	.35	.60	.50	1.85	2.90	11.50
323½. SUTTON'S EXCELSIOR* A new dwarf variety. See page 62.....	.10	.35	.60	.50	1.95	3.80	14.50
324. ★GRADUS* The earliest large-podded pea in cultivation.....	.10	.35	.60	.50	1.95	3.80	15.00
324½. LAXTONIAN* The new dwarf Gradus.....	.10	.35	.65	.55	2.00	3.95	15.75
325. ★NOTT'S EXCELSIOR* The best early dwarf pea.....	.10	.30	.55	.45	1.60	3.10	12.25
326. IMPROVED STRATAGEM* The best late large-podded pea.....	.10	.35	.65	.55	2.00	3.90	15.50
326½. PIONEER* A very popular recent introduction.....	.10	.35	.65	.55	2.05	4.00	15.85
327. CHAMPION OF ENGLAND* One of the best peas grown.....	.10	.30	.55	.45	1.70	3.30	13.00
328. McLEAN'S ADVANCER* A market gardener's favorite.....	.10	.30	.50	.40	1.45	2.85	11.25
329. LITTLE GEM* Height, 16 to 18 inches; very prolific; excellent flavor.....	.10	.30	.55	.45	1.55	3.00	11.85
330. AMERICAN WONDER* Dwarfest of all varieties.....	.10	.30	.55	.45	1.65	3.25	12.85
331. EXTRA EARLY PREMIUM GEM* A very fine dwarf pea of the little gem type over which it is an improvement.....	.10	.30	.55	.45	1.65	3.20	12.75
332. BLISS' EVERBEARING* Very popular. Season medium to late.....	.10	.30	.55	.45	1.55	3.00	11.95
333. ★ENGLISH WONDER* The sweetest pea we know of.....	.10	.35	.60	.50			
333½. ALDERMAN* A midseason variety; well adapted to the home-garden.....	.10	.30	.55	.45	1.70	3.30	13.00
334. THOMAS LAXTON* One of the best yet introduced.....	.10	.35	.60	.50	1.80	3.55	14.00
335. ★OLDS' DWARF TELEPHONE* Most prolific dwarf pea.....	.10	.35	.65	.55	2.05	4.00	15.95
336. IMPROVED DWARF CHAMPION* See page 63.....	.10	.30	.55	.45	1.75	3.45	13.75
338. HORSFORD'S MARKET GARDEN* A great favorite.....	.10	.30	.50	.40	1.45	2.80	11.00
339. LITTLE MARVEL* Described on page 62.....	.10	.35	.60	.50	1.80	3.55	14.00
340. MELTING SUGAR. Edible pods—entirely stringless. Bu. 60 lbs.....	.10	.30	.50	.40	1.40	2.65	10.50
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea. Bu. 60 lbs.....	.10	.30	.50	.40	1.35	2.60	10.25
345. WHITE MARROWFAT. An old favorite market pea. Bu. 60 lbs.....	.10	.30	.50	.40	1.30	2.55	10.00

Prices named above are for 7½ lbs., 15 lbs., and 60 lbs., of all varieties, regardless of weight per bushel.

PEPPER



We can furnish plants in season—see our list of vegetable and other plants, page 74.

Each packet contains seed sufficient to produce over 200 plants; ¼ lb. of seed is enough for one acre. Order by number.

One pound of any variety at three and three-fourths times the price of ¼ lb.

Mail, postpaid.

	pkt.	2 pkts.	oz.	¼ lb.
350. ★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.15	\$0.25	\$0.40	\$1.45
351. BELL OR BULL NOSE. The best known red pepper; early and prolific.....	.15	.25		
351½. RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.15	.25	.50	1.80
352. GOLDEN QUEEN. Bright golden yellow; productive. mild and sweet.....	.15	.25	.45	
352½. CRIMSON GIANT. A new early pepper. It is large, early, red, sweet and mild.....	.15	.25	.50	1.85
353. SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.15	.25	.40	
354. CHINESE GIANT. A very desirable variety, of recent introduction.....	.15	.25	.45	
355. ★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.....	.10	.15	.35	1.25
355½. LONG RED CAYENNE. Very small, bright red, cone shaped and one of the hottest.....	.10	.15	.35	1.15
356. PIMIENTO PEPPER. A standard household variety—hot and pungent.....	.15	.25	.40	1.30
357. RED CLUSTER. Small, thin red pods borne upright in clusters.....	.15	.25	.40	1.35
357½. OLDS' RED HOT (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.15	.25	.40	
358. MIXED PEPPERS. The above varieties mixed.....	.10	.15	.35	1.25
359. NEW TOMATO PEPPER. In shape and general appearance resembles a tomato; of upright growth, prolific and continuing to bear until frost.....	.15	.25	.40	

ROSES AND OTHER CHOICE PLANTS

SEPARATE CATALOG FREE ON REQUEST.

Our plant catalog is a 32-page book, with cover. It is nicely illustrated and gives full descriptions of the best and newest in plant life. If you wish to order plants with your seed order drop us a card and we will send you a copy.

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to plant from 5 to 10 hills: 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn.

362. **★LARGE CONNECTICUT YELLOW FIELD.** (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not postpaid: 2 lbs. or more, 65c per lb.

361. **★QUAKER PIE.** A distinct variety, very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 90c per lb.

366. **JAPANESE PIE.** A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 90c per lb.

360. **★KING OF MAMMOTHS.** Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.15 per lb.

369. **GOLDEN OBLONG.** A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

FULL LIST.

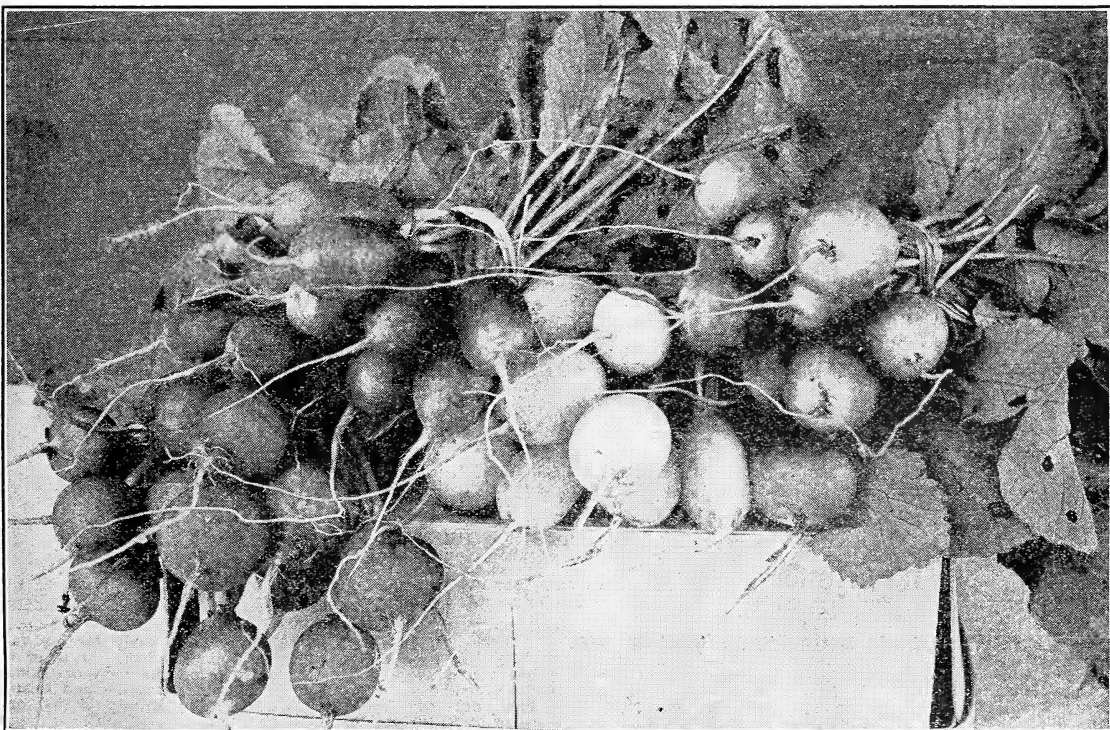
Half-pounds at pound rates. Three pounds or more at five pound rates.

By parcel post.

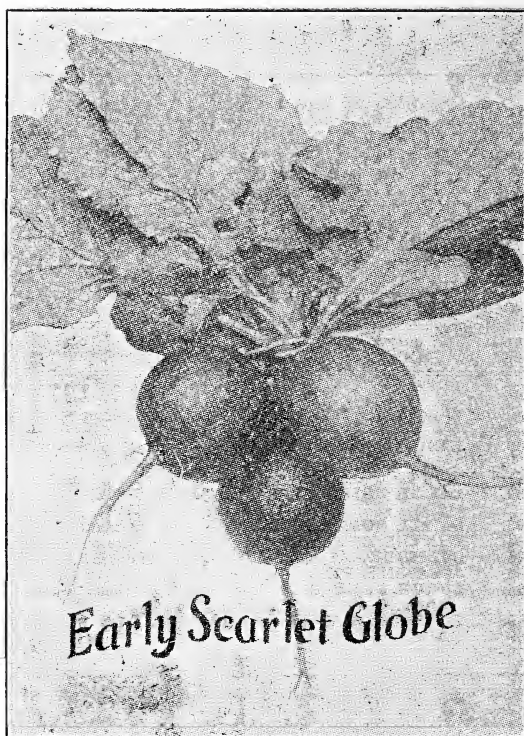
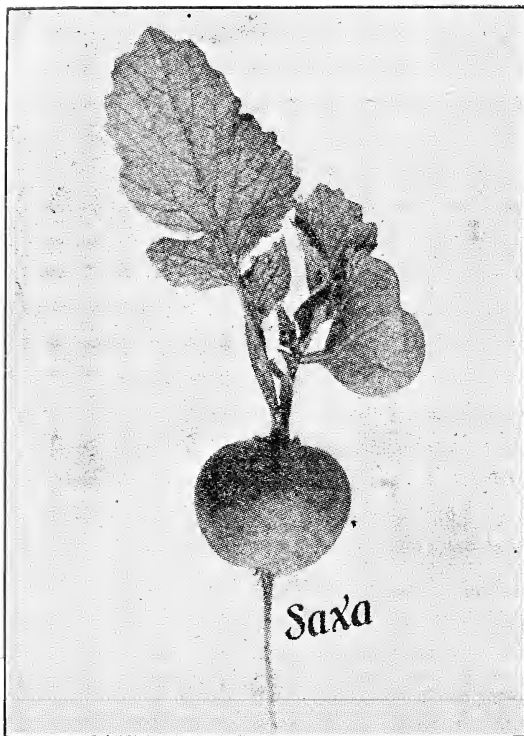
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
360. ★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.	\$0.05	\$0.10	\$0.35	\$1.25
361. ★QUAKER PIE. A very prolific variety, and one of the best for pies.	.05	.10	.30	1.00
362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$3.00.	.05	.10	.25	.75
363. SMALL SUGAR. The noted New England Pie Pumpkin; sweetest of all varieties.	.05	.10	.25	.80
364. WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin.	.05	.15	.40	1.35
365. CALHOUN. A small pie pumpkin, of extra fine quality.	.05	.15	.40	1.50
366. JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet.	.05	.10	.30	1.00
368. LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$3.50.	.05	.10	.25	.85
369. GOLDEN OBLONG. A new variety, very fine and productive.	.05	.10	.35	1.25
369 $\frac{1}{2}$. OLDS' MIXTURE. Pumpkins all the season with one planting.	.05	.10	.25	.85

RADISH

Our list includes the best varieties, and our seed is grown from choice stock seed. Pkts. contain $\frac{1}{4}$ oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills.

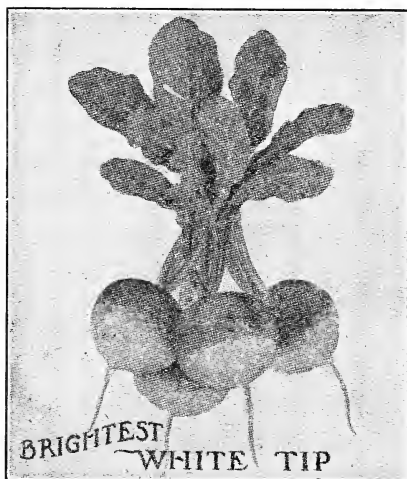


394. **MIXED.** Radishes the whole season. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



375. SAXA. The earliest radish for forcing or outdoor culture. This radish is of a beautiful scarlet color, round with a very small top and tap root—see illustration above. It is very early and has been placed on the dining table in three weeks from the time of sowing. The flesh is firm, crisp and juicy, remaining so a long time without becoming spongy; well adapted for sowing early in the open ground. Seed very scarce. Price for 1918: Pkt., 15c; 2 pkts., 25c.

377. EARLY SCARLET GLOBE. The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Fine for the home garden and on account of its earliness, appearance and quality, just right for the market gardener. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75. Radish in common with other seed crops is very short this year. Would advise placing orders early before stocks are exhausted.



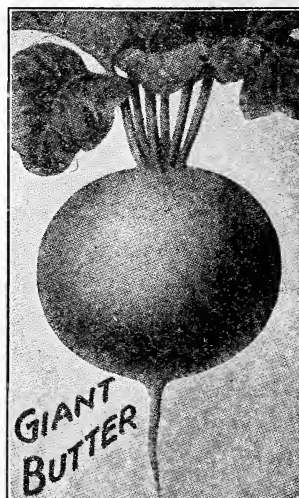
371½. OLDS' RED GLOBE FORCING. Grows quick and is the best for forcing indoors or out. Globe-shaped; bright red in color; crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60; 2 lbs., or more, \$1.55 per lb.

378½. O L D S' EARLIEST WHITE FORCING. Not only the earliest white radish, but the earliest of any color; pure white, oblong and tender. Small tops, which permit close planting. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60; 2 lbs. or more, \$1.55 per lb.

376. ★GRIMSON GIANT. A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

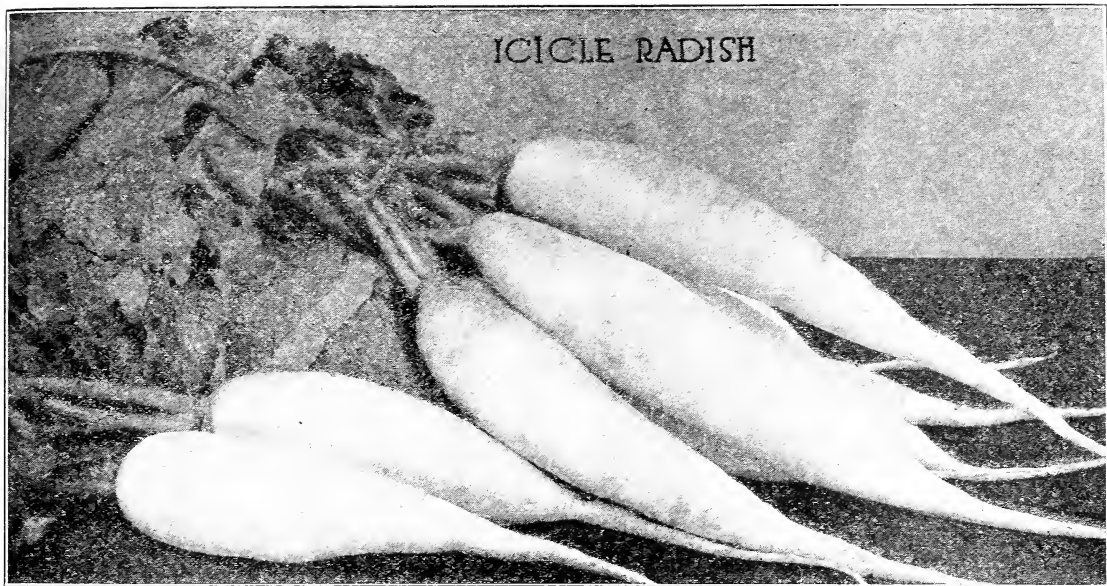
371. O L D S' EARLIEST SCARLET TURNIP. A splendid extra early, round bright red radish. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65; 2 lbs. or more at \$1.60 per lb.

378. OLDS' SNOWBALL. The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65; 2 lbs. or more at \$1.60 per lb.



370½. OLDS' BRIGHTEST WHITE TIP. A bright scarlet white tipped radish—see illustration. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 2 lbs. or more at \$1.70 per lb.

377½. GIANT BUTTER. A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.95; 2 lbs. or more at \$1.90 per lb.



ICICLE RADISH

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

385. **★WHITE ICICLE.** The finest pure white, long variety; very early, with smooth, symmetrically shaped roots—see illustration above. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 2 lbs. or more, \$1.70 per lb.

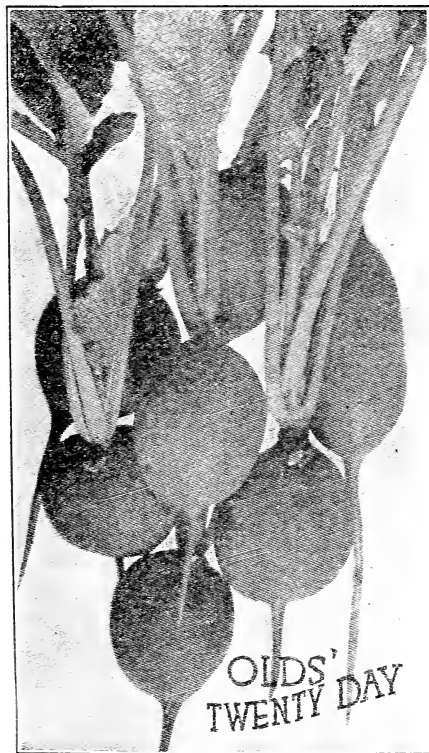
379. **★NEW LEAFLESS.** A decided acquisition—small top, quick growth; flesh white, crisp, tender and of the best flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

380. **CRYSTAL BEAUTY.** A new long white radish, almost transparent; very uniform in size and shape. The flesh is firm, crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

393. **MAMMOTH JAPANESE.** A distinct variety, growing to an immense size. It should be treated as a summer, fall or winter radish. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.



373. **★OLD'S IMPROVED FRENCH BREAKFAST.** Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.70.

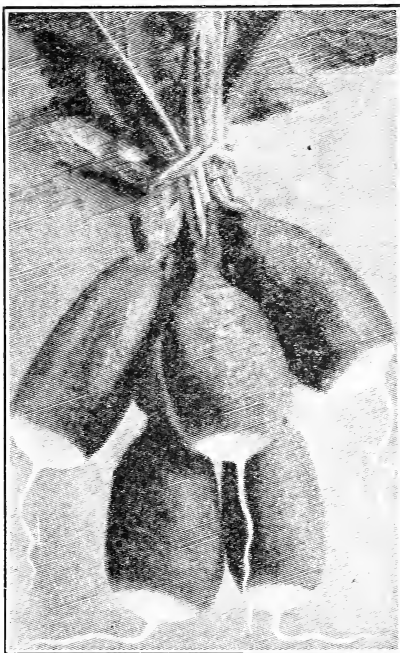


374. **OLD'S TWENTY DAY.** Old's Twenty Day is a rich, bright scarlet olive shaped radish—see illustration opposite: pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 5c; oz. 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.55; 2 lbs. or more \$1.50 per lb.

374½. **WHITE OLIVE SHAPED.** A splendid pure white olive-shaped radish; somewhat larger in size and a trifle later in maturing than our Earliest White Forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

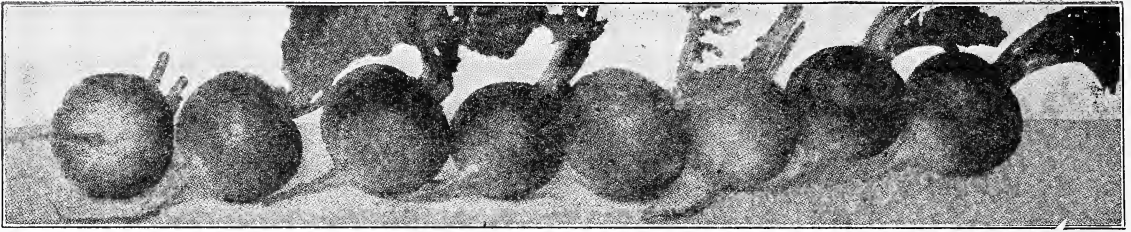
PLEASE NOTE:—We do not put up seed in fractions of ounces or pounds except as listed in our Catalog. If you order half ounces or half pounds, which are not so listed, we fill with packets or quarter pounds of the same value.

REMEMBER we pay the parcel postage on Garden and Flower Seeds, Bulbs and Vegetable Plants, unless otherwise mentioned.



Old's French Breakfast. Pkt., 5c.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.



RADISH. Full List.

Half-pounds at pound rates. For larger quantities—see market gardeners' net price list.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
370.	SCARLET TURNIP WHITE TIP. A very popular variety.....	\$0.05	\$0.15	\$0.50	\$1.85
370½.	OLDS' BRIGHTEST WHITE TIP. A distinct variety.....	.05	.15	.50	1.75
371.	★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety.....	.05	.15	.45	1.65
371½.	OLDS' RED GLOBE FORCING. The best for forcing, outdoors or in.....	.05	.15	.45	1.60
372.	FIRST AND BEST. The best half-long radish.....	.05	.15	.40	1.50
373.	★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp.....	.05	.15	.45	1.70
374.	OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender. Page 67.....	.05	.15	.40	1.55
374½.	WHITE OLIVE SHAPED. A splendid, pure white, olive-shaped radish.....	.05	.15	.50	
375.	SAXA. The earliest radish for forcing or outdoor culture. See page 66 for description and illustration. Price for 1918: Pkt. 15c; 2 pkts. (½ oz.) 25c.....				
376.	★CRIMSON GIANT. Best large radish for first outdoor planting.....	.05	.15	.45	1.65
377.	EARLY SCARLET GLOBE. Similar to Scarlet Turnip.....	.05	.15	.50	1.75
377½.	GIANT BUTTER. A new early forcing variety. Page 66.....	.05	.15	.50	1.95
378.	OLDS' SNOWBALL (White Box). The earliest white turnip-shaped.....	.05	.15	.45	1.65
378½.	OLDS' EARLIEST WHITE FORCING. The earliest pure white radish.....	.05	.15	.45	1.60
379.	★NEW LEAFLESS. Very quick grower; crisp and tender.....	.05	.15	.55	
380.	CRYSTAL BEAUTY. A new, long, white radish; flesh white.....	.05	.15	.55	
381.	WHITE STRASBURG. A summer radish; of large size.....	.05	.15	.40	1.50
382.	BRIGHTEST LONG SCARLET. Handsome long red radish.....	.05	.15	.40	1.50
383.	IMPROVED CHARTER. Long crimson, tipped with white.....	.05	.15	.40	1.35
384.	CINCINNATI MARKET. Early radish, with small tops—bright scarlet.....	.05	.15	.45	1.60
385.	★WHITE ICICLE. The best long, pure white radish; crisp and tender.....	.05	.15	.50	1.75
387.	EARLY LONG SCARLET. The standard long red radish.....	.05	.15	.40	1.50
389.	LONG WHITE VIENNA. One of the best long white radishes.....	.05	.15	.45	1.65
390.	NEW WHITE CHINESE. The best large white winter variety.....	.05	.15	.45	1.60
391.	CHINA ROSE WINTER. Rose colored and a good keeper.....	.05	.15	.40	1.55
392.	LONG BLACK SPANISH. Good keeper, black skin, white flesh.....	.05	.15	.45	1.65
393.	MAMMOTH JAPANESE. A new distinct variety; very large.....	.05	.15	.55	2.00
394.	MIXED RADISH. Radishes the whole season. Page 65.....	.05	.15	.35	1.25

RHUBARB

Rhubarb, or Pie Plant is the earliest spring vegetable. It can be grown easily from seed in one season. The stalks should not be used until the plants have had a full season's growth.

395. LARGE VICTORIA. The most popular variety; comes true from seed. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

RHUBARB ROOTS. We can also supply rhubarb roots—page 74. Special prices for quantity given on application.

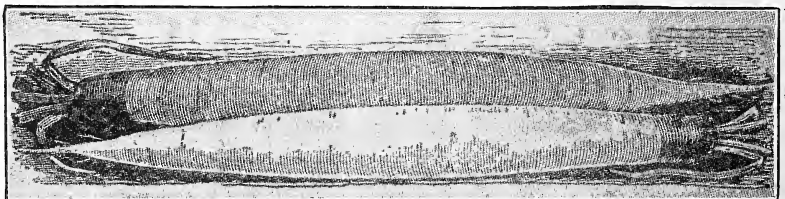
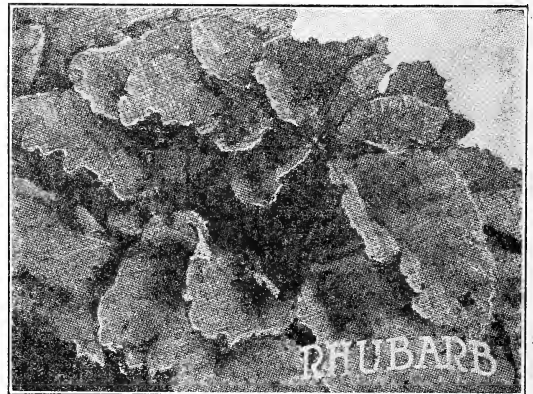
SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.

397. ★MAM. SANDWICH ISLAND. Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.90 per lb. Not postpaid: 5 lbs., \$9.25.

398. WISCONSIN GOLDEN. Originated in Wisconsin. Very much like the Mammoth Sandwich Island except that the roots have a yellow tinge. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

REMEMBER. We pay the postage, unless otherwise noted.



PERFECTION CORN POPPER.

For popping Corn and Roasting Peanuts. The wire cloth top permits you to see the kernels burst and to know when the corn is done. Price, 40c; postpaid 50c.



SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Owing to the embargo placed upon the export of Spinach from European countries, seed is hard to get and the price is higher.



400. ROUND LEAVED. A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color—illustrated above. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.95 per lb.

400 $\frac{1}{2}$. VIROFLAY. Large, thick-leaved variety. Crop very short. Pkt., 5c; oz., 15c.

402. ★BLOOMSDALE. A great favorite; thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.95 per lb.

403. ★OLDS' LONG SEASON. The best long season variety—withstanding the hot summer weather, without going to seed, better than any other. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.

401. LONG STANDING. Leaves large, thick and crumpled, with a fleshy appearance; very desirable. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; oz., 20c; $\frac{1}{4}$ lb., 60c.

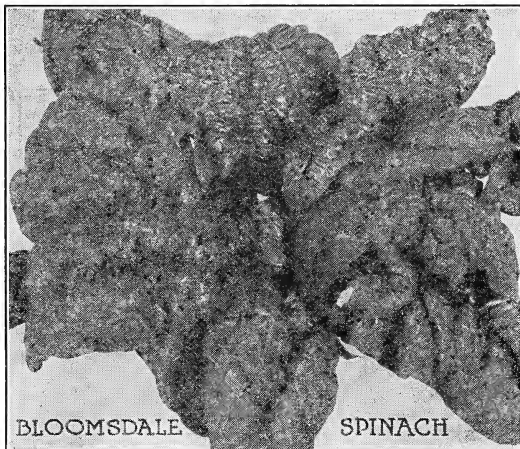
402 $\frac{1}{2}$. VICTORIA. Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

401 $\frac{1}{2}$. NEW JAPANESE. Large tender leaves of the highest quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.

403 $\frac{1}{2}$. NEW ZEALAND. For mid-summer sowing; well adapted to dry localities. Pkt., 10c; 2 pkts. ($\frac{1}{2}$ oz.), 20c; $\frac{1}{4}$ lb., 65c; lbs., \$2.35.

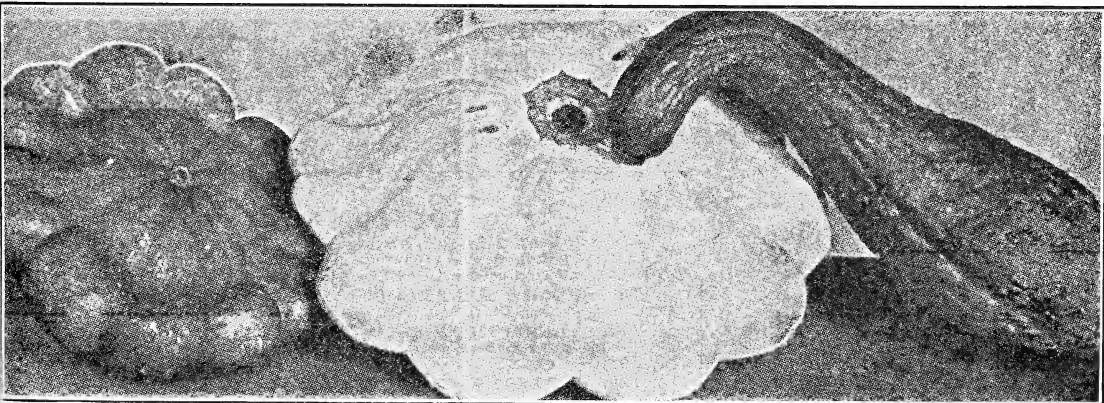
404. PRICKLEY OR WINTER. For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.35; 2 lbs. or more, \$1.25 per lb.

404 $\frac{1}{2}$. OLDS' MIXED Spinach Seed will furnish greens all the season from one sowing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for about 8 hills; 3 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number.

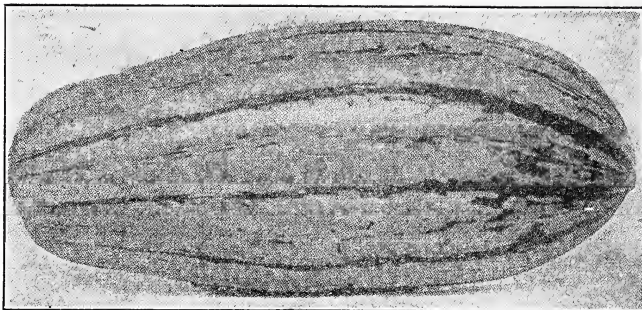
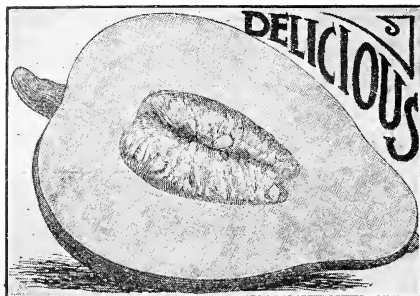


Mam. Yellow Bush. Pkt., 5c.

Mam. White Bush. Pkt., 5c.

Giant Summer Crookneck. Pkt., 5c.

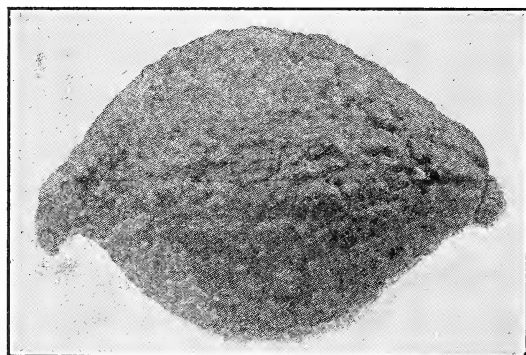
If you have anything new that is good write us about it. Full and complete list of Squash—page 70.



Mammoth Chili. Pkt., 5c; oz., 15c; ¼ lb., 45c.

410. **★DELICIOUS.** A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 5c; oz., 15c; ¼ lb., 50c.

405. **★MAMMOTH WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance—see illustration, page 69. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20; 2 lbs. or more, \$1.15 per lb. Good crops can be grown only from good seeds. Order \$1.25 worth of packets and remit \$1.00.



True Hubbard. Pkt., 5c; oz., 15c; ¼ lb., 45c.

406. **MAMMOTH YELLOW BUSH.** The largest and most handsome bush squash—see illustration preceding page, from a photograph. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; 2 lbs. or more, \$1.30 per lb.

407. **★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety—see page 69. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

OUR FOUR HUBBARDS.

411. **★TRUE HUBBARD.** The standard winter squash. Large olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

412. **WARTED HUBBARD.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.45 per lb.

413. **GOLDEN HUBBARD.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

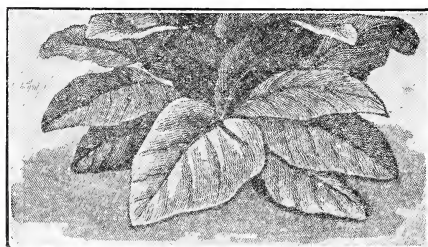
418. **BLUE HUBBARD.** The Symmes Blue Hubbard is an entirely distinct variety; light blue in color, very dry when cooked and resembling the Warted Hubbard in shape; very productive. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

420. **MAMMOTH CHILI.** A very large and attractive variety. The skin is a rich orange yellow, flesh thick, fine grained and sweet. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

SQUASH. Full List.

Market gardeners' list (free on request), for larger quantities. ½ lb. at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
405.	MAMMOTH WHITE BUSH. A true bush variety; large and good shaped. Page 69.....	\$0.05	\$0.10	\$0.35	\$1.20
406.	★MAMMOTH YELLOW BUSH. The largest bush squash.....	.05	.10	.40	1.35
407.	★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.05	.15	.40	1.50
408.	FORDHOOK. Very fine for pies. A good yielder and keeper.....	.05	.15	.45	1.65
409.	DELICATA. Very solid, rich and dry—extra fine for home use.....	.05	.15	.50	1.75
410.	★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.....	.05	.15	.50	1.85
411.	★TRUE HUBBARD. The standard winter squash. See illustration.....	.05	.15	.45	1.65
412.	WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.....	.05	.15	.40	1.50
413.	GOLDEN HUBBARD. Bright orange-yellow; see above.....	.05	.15	.45	1.60
414.	CHICAGO ORANGE MARROW. Best fall squash.....	.05	.15	.40	1.45
415.	BOSTON MARROW. Good for both fall and winter use.....	.05	.15	.40	1.50
416.	SIBLEY, or PIKE'S PEAK. A general favorite.....	.05	.15	.50	1.75
417.	VEGETABLE MARROW. Popular English garden variety; smooth skin.....	.05	.15	.45	1.60
418.	BLUE HUBBARD. A distinct variety, light blue in color, dry when cooked.....	.05	.15	.40	1.50
420.	MAMMOTH CHILI. The largest of all squashes. Illustrated above.....	.05	.15	.45	1.65
424.	OLDS' MIXTURE. Squashes all the season with one sowing.....	.05	.15	.40	1.45



TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain ¼ oz. of seed; one ounce of seed will produce plants enough for an acre of tobacco.

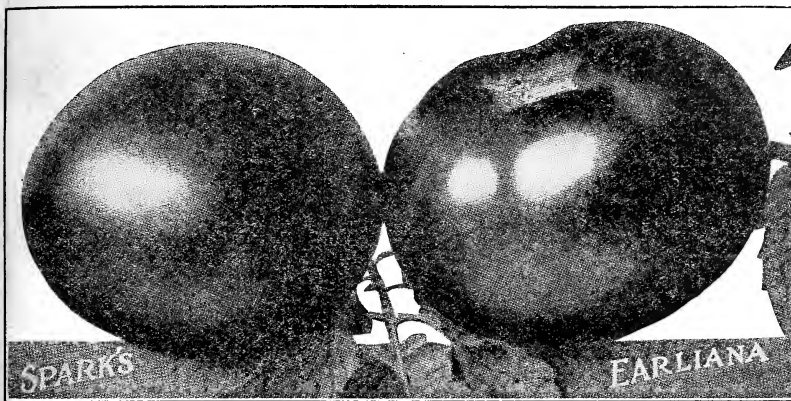
500. **COMSTOCK'S SPANISH.** The favorite variety in Wisconsin. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

501. **CONNECTICUT SEED LEAF.** Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 70c; lb., \$2.75.

502. **IMPROVED WHITE BURLEY.** An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Order by number.



425. **★SPARK'S EARLIANA.** No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.

444. **BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.05.

428½. **EARLY DETROIT.** A new variety of great merit. It is a purple tomato; ripens early and continues in bearing for a long time with a heavy yield; fruits are large, smooth and of excellent quality. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.05.

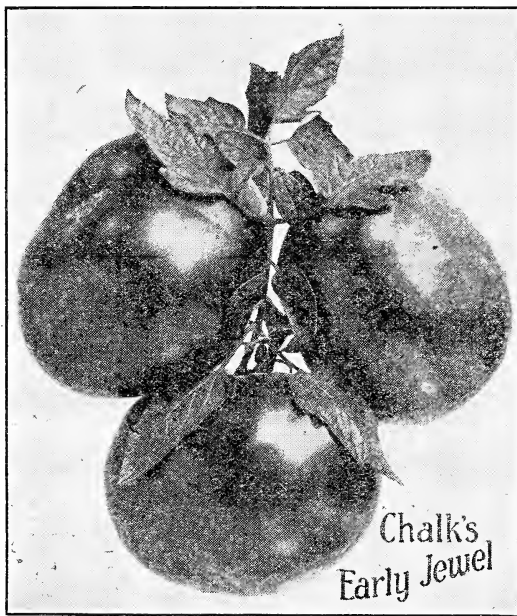
436½. **JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a much heavier crop. Tomatoes large, uniform in shape and bright red in color. It is the most profitable of any of the extra early varieties. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.



427. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c.

440. **★LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape, resembling a peach in form (see illustration next page). On account of its shape, a great number of slices can be taken from each tomato. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds; it ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.10.

429. **★MATCHLESS.** Well worthy of its name—it is hard to match. It produces large red fruits throughout the entire season; very solid, heavy and free from any core. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.



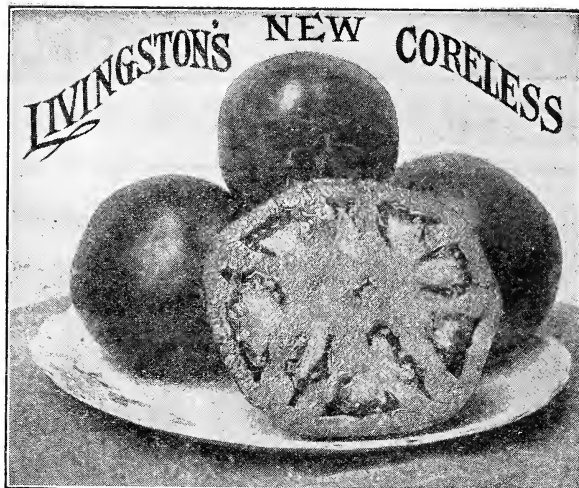
434. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.

426. **★SUCCESS.** A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and firmness make it also well adapted for canning. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c.

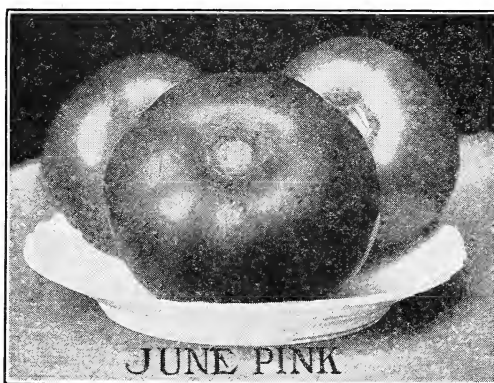
433. **NEW MAGNUS.** One of the finest yet introduced; four clusters of large fruits where other varieties have only three. Very uniform in size. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.



440. Pkt., 5c; ½ oz., 15c; oz., 30c; ¼ lb., \$1.10.

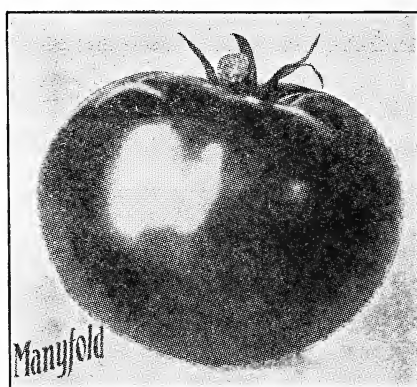


442. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.



JUNE PINK

443. **JUNE PINK.** The earliest of all pink tomatoes. It is a good yielder, of high quality and runs very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only, which is pink instead of red. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inch-



Manyfold

es in diameter. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15.
439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.

442 ½. **LIVINGSTON'S MANYFOLD.** 1917 Introduction. More than five years were spent in perfecting the Manyfold. It produces large clusters of bright red fruit, with the brightest red flesh of any sort grown. Price for 1918. Pkt., 40c; 2 pkts., 75c; ½ size pkts., 25c.

TOMATOES. Complete List.

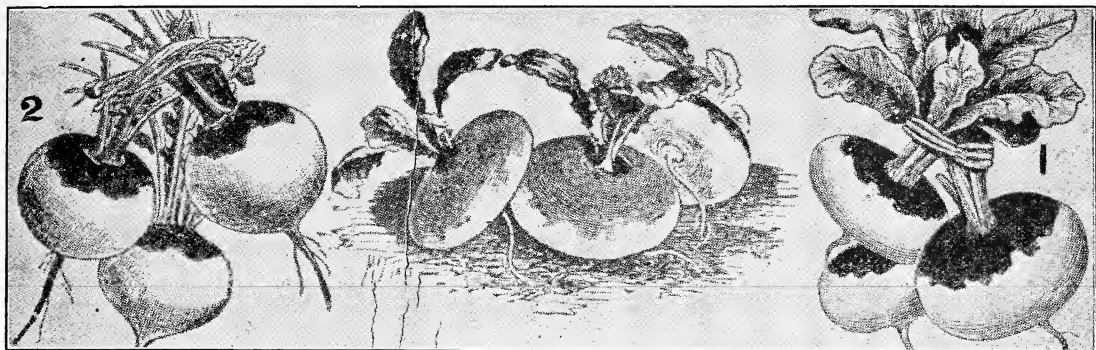
One pound of any variety at three and three-fourths times the price of ¼ lb.

		By parcel post.			
		pkt.	½ oz.	oz.	¼ lb.
425.	★SPARK'S EARLIANA. Very early, and remarkable for its large size.....	\$0.05	\$0.15	\$0.25	\$0.70
426.	★SUCCESS. Just right for a second early.....	.05	.15	.20	.60
427.	★NEW STONE. Best of all for main crop; large, smooth and solid. ....	.05	.15	.20	.60
428.	FORDHOOK FIRST. A very satisfactory first early.....	.05	.15	.25	.70
428 ½.	EARLY DETROIT. A new variety of great merit. Page 71.....	.05	.20	.30	1.05
429.	★MATCHLESS. Produces large, red tomatoes the entire season.....	.05	.15	.25	.70
430.	NEW DWARF STONE. A recent introduction; strong, upright vines.....	.05	.15	.25	.90
431.	TRUCKERS' FAVORITE. A large, purple tomato; very productive.....	.05	.15	.20	.55
432.	DWARF CHAMPION. A popular dwarf variety.....	.05	.20	.30	1.05
433.	NEW MAGNUS. One of the finest yet introduced. Page 71.....	.05	.20	.30	1.00
434.	CHALK'S EARLY JEWEL. One of the largest and finest. See illustration page 71.....	.05	.15	.25	.90
435.	EARLY MICHIGAN. One of the best for second early.....	.05	.15	.20	.55
436.	EARLY ACME. The standard bright pink tomato.....	.05	.15	.20	.60
436 ½.	JOHN BAER. The most profitable cropper of any of the extra early varieties.....	.05	.15	.25	.85
437.	PONDEROSA (Henderson's). The largest of all.....	.10	.25	.40	1.30
438.	★ENORMOUS. The largest and smoothest tomato grown.....	.10	.25	.40	1.30
439.	OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow.....	.05	.15	.25	.90
439 ½.	OLDS' PINK BEAUTY. The best midseason pink variety.....	.05	.20	.30	1.00
440.	★OLDS' NEW GLOBE. Livingston's 1905 Introduction. Page 71.....	.05	.20	.30	1.10
441.	THE HUMMER. Livingston's 1907 Introduction.....	.05	.15	.25	.90
442.	NEW CORELESS. Livingston's 1908 Introduction. Illustrated above.....	.05	.20	.30	1.00
442 ½.	MANYFOLD. Livingston's 1917 Introduction. Price for 1918. ½ size pkt., .25.....	.40			
443.	JUNE PINK. The earliest of all pink tomatoes. Illustrated above.....	.05	.20	.35	1.15
444.	BONNY BEST. A fine early home variety See Page 71.....	.05	.20	.30	1.05
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446 ½, Red Pear; 447, Yellow Plum; 447 ½, Red Plum; 448, Red Cherry; 448 ½, Yellow Cherry; 449, Red Currant; 449 ½, Grape, each.....					
450.	SMALL FRUITED VARIETIES MIXED. Red, white and yellow.....	.05	.15	.25	.70
551.	LARGE FRUITED VARIETIES MIXED. Tomatoes all season.....	.05	.15	.20	.55
455.	STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Fine for preserving.....	.05	.15	.25	.75

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.

TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Order by number. Three pounds or more at 5-pound rates.



460. ★PURPLE TOP STRAP LEAF. The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below (see illustration, Fig. 1). Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35; 2 lbs. or more, \$1.30 per lb. Not postpaid: 5 lbs., \$6.25.

470. OLDS' HEAVY CROPPER. Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

463. WHITE FLAT DUTCH. A popular table variety. The roots are of medium size, flat, flesh pure white, fine grained and sweet—see illustration opposite. The roots are in the best condition for table use, when about two and one-half inches in diameter: can also be grown as a field crop. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.45. Not postpaid: 5 lbs., \$7.00.

465. ★PURPLE TOP WHITE GLOBE. Very attractive in appearance (see illustration, Fig. 2, above); a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65; 2 lbs. or more, \$1.60 per lb. Not postpaid: 5 lbs., \$7.75.

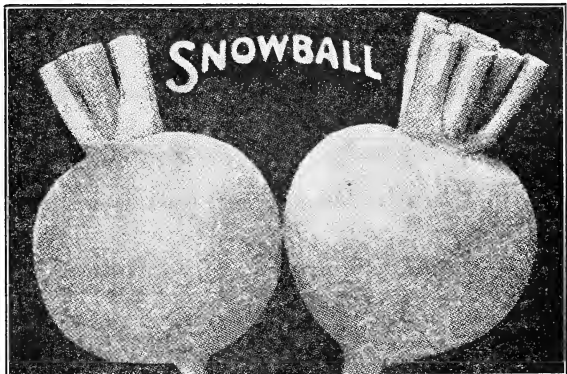
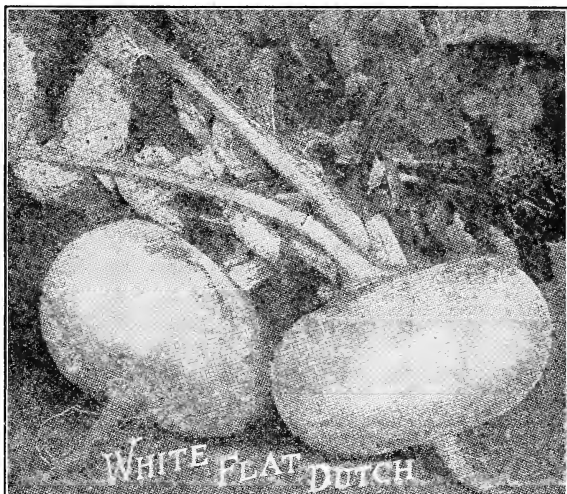
461. ★EXTRA EARLY PURPLE TOP MILAN. A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top; illustrated above. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85; 2 lbs. or more, \$1.80 per lb.

462. EARLY WHITE MILAN. The tops are small, upright and compact. The roots are white and very smooth. The flesh white, mild and sweet—desirable for early use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 2 lbs., or more, \$1.70 per lb.

466. ★SNOWBALL. The most suitable white turnip for table use. (Illustrated opposite.) Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.95 per lb.

473. JAPANESE. A new variety. The most valuable of all Japanese turnips. Snow white, smooth, globe-shaped, with fine-grained flesh of mild flavor. It forms a good root early, is even in shape and of good quality for table use or can be used for feeding stock. Our seed is Japan grown. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

479. OLDS' GOLDEN HEART RUTABAGA. A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table or for stock feeding." Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.



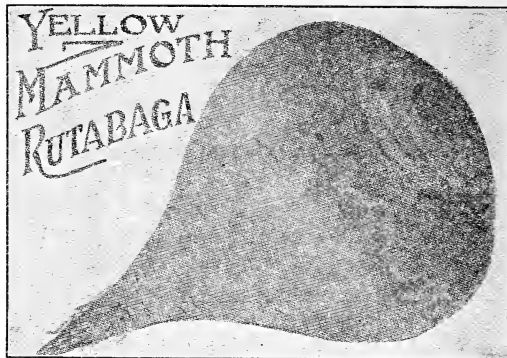
We test our seeds for germination before sending them out. A record is kept of each test and a stock letter stamped on every package. By referring to this stock letter and number we can tell the germinating percentage.



475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 15c; ¼ lb., 55c; 1 lb., \$2.00; 2 lbs. or more, \$1.95 per lb. Not postpaid: 5 lbs., \$9.50.

476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 5c; oz. 15c; ¼ lb., 55c; 1 lb., \$2.15; 2 lbs. or more, \$2.10 per lb. Not postpaid. 5 lbs., \$10.25.

An illustrated book on "Home Poticulture," free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.



TURNIP AND RUTABAGA. Full List.

For larger quantities see our market gardeners' net price list—free on request.

By parcel post.

	pkt.	oz.	¼ lb.	lb.
460. ★PURPLE TOP STRAP LEAF. A well-known standard variety.....	\$0.05	\$0.15	\$0.40	\$1.35
461. ★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.05	.15	.50	1.85
462. ★EARLY WHITE MILAN. A rapid grower and very handsome.....	.05	.15	.50	1.75
463. ★WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower. One of the best. 5 lbs., not prepaid, \$7.00.....	.05	.15	.40	1.50
464. ★WHITE EGG. A quick grower, egg-shaped, smooth, with small top.....	.05	.15	.45	1.60
465. ★PURPLE TOP WHITE GLOBE. An early variety, globe-shaped.....	.05	.15	.45	1.65
466. ★SNOWBALL. Best white turnip for table use.....	.05	.15	.55	2.00
467. ★COW HORN. Grows large; fine for fall or winter.....	.05	.15	.50	1.85
470. ★OLDS' HEAVY CROPPER. Round, yellow and very productive.....	.05	.15	.55	
471. ★GOLDEN BALL. The best yellow turnip for table use.....	.05	.15	.35	1.25
472. ★YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.15	.40	1.45
473. ★JAPANESE. A new variety from Japan. Best Japanese grown seed.....	.05	.15	.45	1.65
474. ★MIXED. Purple, white and yellow turnips all summer.....	.05	.15	.40	1.40
475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard.....	.05	.15	.55	2.00
476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape. See illustration above.....	.05	.15	.55	2.15
478. ★OLDS' LARGE WHITE. Skin white; flesh white and sweet.....	.05	.15	.50	1.75
479. ★OLDS' GOLDEN HEART. Fine grained, mild and sweet. Page 73.....	.05	.15	.55	
479½. ★MIXED. A fine assortment of yellow and white rutabagas.....	.05	.15	.50	1.85

VEGETABLE PLANTS AND ROOTS.

We have added vegetable plants to our list and can supply the following varieties in their proper season:

ASPARAGUS ROOTS. Strong, well developed two-year-old roots. See page 32.

CABBAGE PLANTS. For April and May delivery. Select Early Jersey Wakefield, Allhead Early, Early Spring. Doz., 15c; 2 doz., 25c; 50, 40c. Not postpaid: 2 doz. 20c; 50, 35c; 100, 60c.

CAULIFLOWER PLANTS. Transplanted from hotbed; ready in April and May. Improved Early Snowball, Dry Weather. ½ doz., 20c; doz., 35c; 2 doz., 60c. Not postpaid: Doz., 25c; 2 doz., 45c; 50, 75c.

CELERY PLANTS. Selected transplanted stock grown from our own seed; ready in July. White Plume; the earliest variety; Golden Self-Blanching, the best for all purposes; Winter Queen, the best variety for winter use. Doz., 18c; 2 doz., 30c; 50, 50c. Not postpaid: 2 doz., 25c; 50, 40c; 100, 70c.

EGG PLANTS. Grown in pots; ready in May and June. Black Beauty, the best early variety; New York Improved, large, smooth and spineless. ½ doz., 50c; doz., 85c; 2 doz., \$1.50. Not postpaid: Doz., 70c; 2 doz., \$1.25.

HORSE RADISH. Good clean sets. Doz., 12c; 2 doz., 20c; 100 for 75c. Not postpaid: 100 for 60c.

PEPPER PLANTS. Transplanted from hotbed; ready in May and June. Bell, or Bull Nose, the best known; Ruby King, the most popular red; Long Red Cayenne, hot and pungent. ½ doz., 18c; doz., 30c; 2 doz., 50c. Not postpaid: Doz., 20c; 2 doz., 35c; 50, 60c.

RHUBARB ROOTS. Good strong roots. 15c each; 3 for 35c; ½ doz., 60c; doz., \$1.00. Not postpaid: ½ doz., 50c; doz., 85c; 2 doz., \$1.50.

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Spark's Earliana, very early; Success, second early; Matchless, fine tomatoes the entire season; Enormous, very large and smooth; Small Fruited Varieties mixed. ½ doz., 18c; doz., 30c; 2 doz., 50c; Not postpaid: Doz., 25c; 2 doz., 45c; 50, 75c; 100, \$1.25.

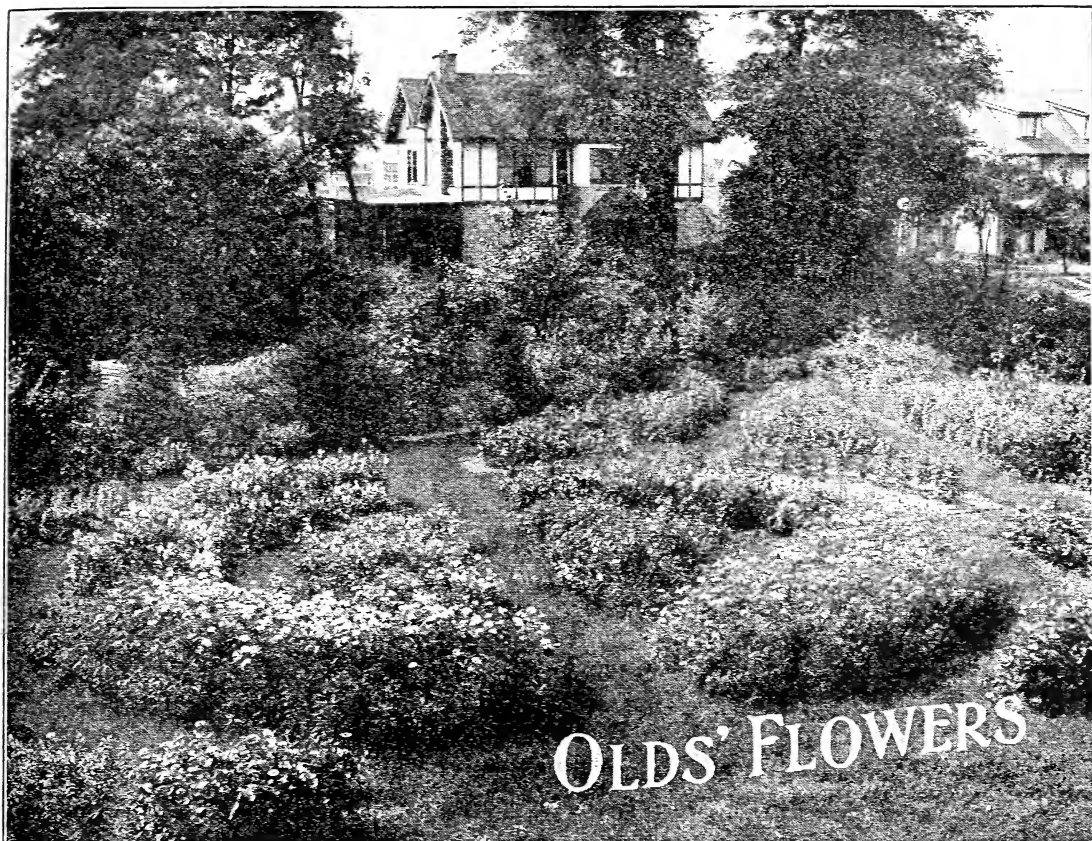
BUG DEATH.

An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. It is a fine powder, and adheres readily to the vines, so that it is not necessary to apply it after every shower. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy and the extra cost is more than offset by the increased yield and superior quality.

Prices: 1 lb. carton with perforated top, 20c; 3 lbs., 45c; 5 lbs., 65c; 12½ lbs., \$1.35; 100 lbs., \$8.50. (Not mailable.) (Ask for "Bug Death" circular.)





OLDS' FLOWERS

Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

Customers may send \$1.00 and select Flower Seeds, in packets, to the value of \$1.25. For \$2.00, select \$2.60 worth of packets. For \$3.00, select \$4.00 worth, but remember this offer applies to packets only.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 15c; 2 pkts., 25c.
AGERATUM (Floss Flower). Fine bedding plants: valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

830. Sweet Maritimum. White. Pkt., 5c.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact; excellent for beds or borders. Pkt., 10c; 2 pkts., 15c.

AMARANTHUS. A very strong and rapid grower: ornamental foliage. H. H. A.

835. Splendens. Finest mixed. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

840. Dwarf Mixed. Compact. Pkt., 5c.

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. Pkt., 5c.

842. Snowflake. Pure white. Pkt., 15c; 2 pkts., 25c.

843. Pink Beauty. Rose-colored flowers. Pkt., 15c.

AQUILEGIA (Columbine). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 5c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any time.

850. Plumosus Nanus. Pkt., 15c; 2 pkts., 25c.

ASTERS. Choice varieties, with illustrations—page 76.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camelia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 5c.

861. White Perfection. Pkt., 10c; 2 pkts., 15c.

CALENDULA (Pot Marigold). Profuse bloomers all summer. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers.

870. Fine Mixed. Many colors. Pkt., 5c.

871. Rose Queen. Rose carmine. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 10c; 2 pkts., 15c.

873. Golden. The true wild California Poppy; selected for the largest flowers and deepest orange colors. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

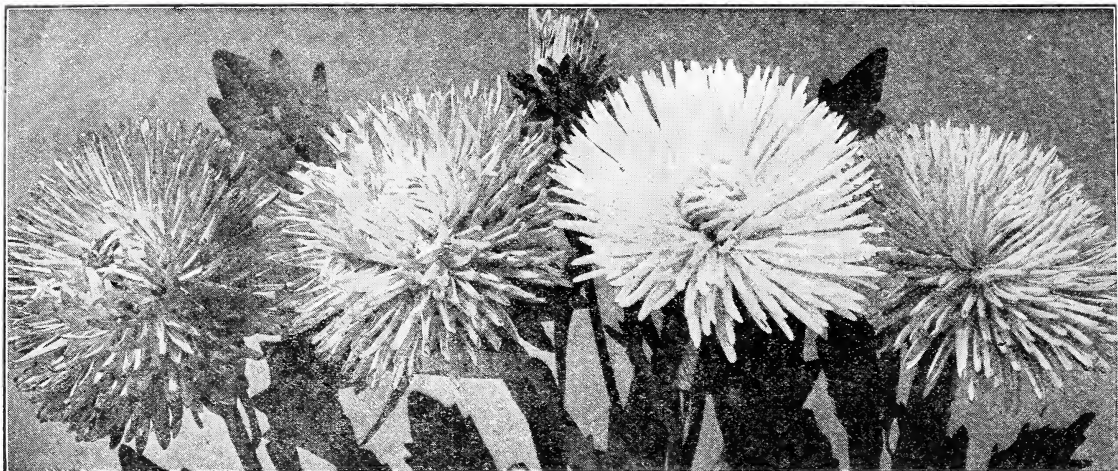
875. Fine Mixed. Fine for cut flowers. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers producing yellow-fringe flowers. H. H. A.

880. Tropaeolum Canariense. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class producing very large flowers.


890. Crozy's Best Mixed. All the finest colors. Soak the seed twelve hours in warm water before sowing. Pkt., 5c; oz., 20c.



ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture. H. A.

 800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. See illustration above. Pkt., 5c.

801. Peony Flowered Mixed, Truffaut's. Plants literally covered with large, double flowers. Pkt., 5c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 5c.

803. Victoria Mixed. Very handsome. The petals curve up and down, while those of the Peony Flowered curve out and in. Pkt., 5c.

803½. Red Sensation. This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 10c; 2 pkts., 15c.

804. Chrysanthemum—Flowered. Dwarf mixed; large, handsome flowers. Pkt., 5c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 5c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 10c; 2 pkts., 15c.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright stems. Pkt., 10c.

809. New Japanese. A very striking variety. Tassel-shaped flowers. Pkt., 10c; 2 pkts., 15c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 15c; 2 pkts., 25c.

810½. Peach Blossom. A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect. Pkt., 10c; 2 pkts., 15c.

811. Daybreak. Delicate pink, globe-shaped. Pkt., 10c.

811½. Pink King. Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown—see illustration. Pkt., 10c; 2 pkts., 15c.

812. Alice Roosevelt. Large yellow flowers, changing to flesh color. Pkt., 5c.

813. Violet King. Handsome, violet-colored. Pkt., 5c.

814. White Hercules. Strong stems 15 to 20 inches high; white flowers 6 to 7 inches in diameter. Pkt., 10c.

815. Vick's Cardinal. The best bedding aster. Pkt., 10c.

816. Purity. Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 10c; 2 pkts., 15c.

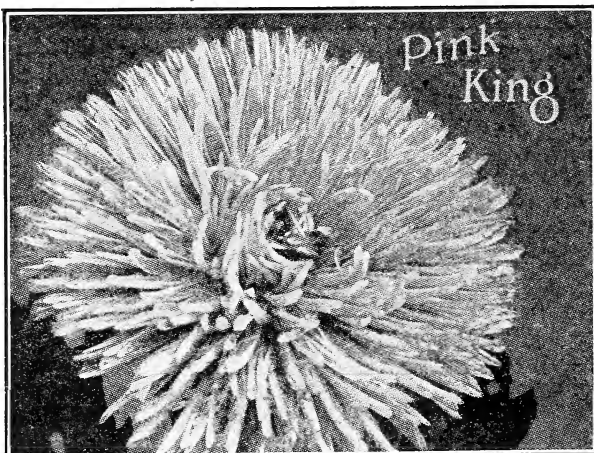
816½. Pink Enchantress. A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink and usually lasting—see illustration. Pkt., 10c; 2 pkts., 15c.

817. Christmas Tree. Large flowers; plants compact and pyramidal in form. Pkt., 5c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, lavender pink flowers. Pkt., 5c.

819. Upright Pink. A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink. Pkt., 10c.

1.25 worth of Flower Seeds in Pkts. for	1.00
2.60 worth of Flower Seeds in Pkts. for	2.00
4.00 worth of Flower Seeds in Pkts. for	3.00



"OLDS' CATALOG TELLS THE TRUTH"



Cosmos, Giant-Flowered Mixed. Pkt., 5c.

CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings.

H. A.

885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture. Pkt., 5c.

886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Pkt., 5c.

887. Snowflake. Free flowering. Pkt., 5c.

888. Dwarf Hybrids Mixed. Dwarf and compact. Pkt., 10c.

CANNA. (890.) Crozy's Best Mixed. Page 75.

CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers.

895. Mixed. Best and most striking single and double varieties.

Pkt., 5c.

CARDINAL CLIMBER. Very beautiful and most desirable. H. A.

898. Bright Red. Considered the most beautiful climber ever introduced. It is a strong rapid grower, producing flowers borne in clusters. Packet, containing about 20 seeds, 10c; 2 pkts., 15c.

CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

900. Marguerite. New Giant; producing large flowers of fine form—illustrated above. Pkt., 5c.

CELOSIA (Cockscomb). Plume-shaped flowers.

905. Ostrich Plume. Crimson flowers, curled like an ostrich plume. Pkt., 5c.

CENTAUREA. Profuse bloomers, suitable for bouquets and general floral decoration. H. A.

910. Margaret. Pure white flowers. Pkt., 5c; 3 pkts., 10c.

911. Imperialis. A new, sweet-scented Centaurea; very showy.

Pkt., 5c.

CHRYSANTHEMUM.

Blooming continually all summer; suitable for pot culture. H. A.

915. Mixed. Single and double. Pkt., 5c.

916. Snowball. Large, perfect, pure white flowers. Pkt., 15c.

917. Dwarf Golden Gem. Compact. Pkt., 5c.

918. Dwarf Primrose. Bright primrose. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. Purple. Bell-shaped flowers. Pkt., 5c; 3 pkts., 10c.

COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. Giant-Flowered Mixed. Pkt., 5c.

926. Early Dwarf Dawn. A new variety. Pkt., 5c.

927. Lady Lenox. A new giant-flowered variety—illustrated above. Pkt., 5c.

928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

CYPRESS VINE. A very beautiful climber.

930. Mixed. Rose, scarlet and white. Pkt., 5c.

931. Ivy Leaved. A new scarlet variety with ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c.

CYCLAMEN. A beautiful pot plant, flowering from seed the first year.

933. Giant Flowered. Mixed. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

From Seed; blooming the first season. H. H. P. Dahlia

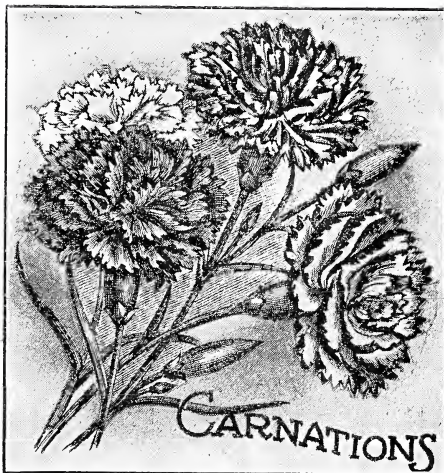
Bulbs, pages 85, 86 and 87.

935. Double Mixed. Large flowering. Pkt., 10c.

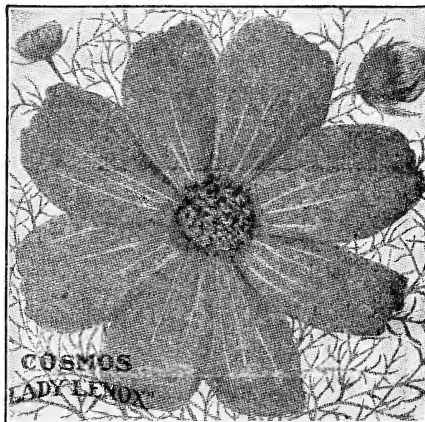
936. Superb Single. Mixed colors. Pkt., 5c.

937. Double Peony Flowered. Large flowers from seed. See illustration above. Pkt., 10c; 2 pkts., 15c.

ROSES AND OTHER CHOICE PLANTS. Catalogue free on request.



CARNATIONS



COSMOS
LADY LENOX



PAEONY FLOWERED DAHLIA

DOUBLE DAISIES.

One of the most charming early spring flowers; very easily raised from seed. H. H. P.

940. Fine Mixed. All colors. Pkt., 15c; 2 pkts., 25c.

941. New Snowball. Very large and double. Pkt., 10c.

942. The Bride. Pure white. Pkt., 10c; 2 pkts., 15c.

943. Delicata. White, tinged with rose. Pkt., 10c.

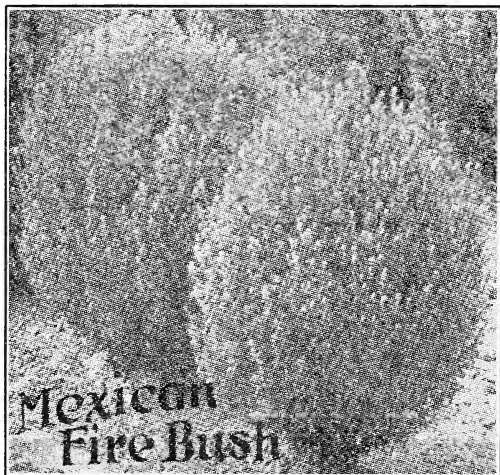
944. Shasta. Large graceful flowers. Pkt., 5c.

944½. Golden Orange DAISY. Page 78. Pkt., 10c.



944½. Golden Orange DAISY. A new annual for the summer garden. Large, bright, rich, golden-orange colored flowers. Pkt., 10c; 2 pkts., 15c.

DATURA. Showy trumpet-shaped flowers. H. A.
945. Cornucopia (Horn of Plenty). Pkt., 5c.



DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. Illustrated above. H. B.

950. Double Chinese. Extra choice. Pkt., 5c.
951. Single Chinese. Extra fine. Pkt., 5c.
952. Imperialis fl. pl. Mixed colors. Pkt., 5c.
953. Little Gem. With carmine eye. Pkt., 5c.
954. Purity. Pure white. Pkt., 10c; 2 pkts., 15c.
955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 15c; 2 pkts., 25c.

956. New Japanese Pink. A new variety producing very large flowers; laced and fringed. Pkt., 5c.

DIGITALIS (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.

958. Gloxiniaeflora Mixed. All colors. Pkt., 5c.

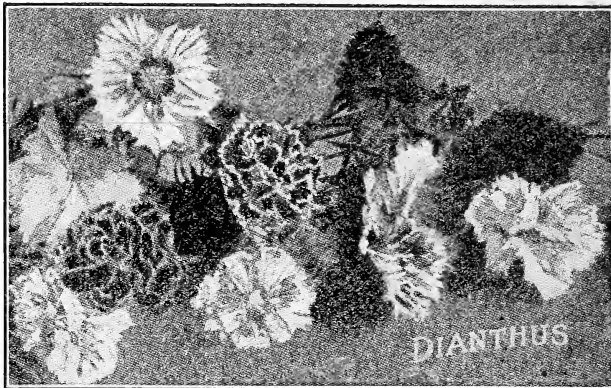
DOLICHOS (Hyacinth Bean). A rapid climber.

960. Mixed. Very striking. Pkt., 5c.

964. New White Bush. Will succeed anywhere, very ornamental and blooms from July until frost. Pkt., 5c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. Helichrysum. Very fine. Pkt., 5c.



FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Many colors. Pkt., 5c.

FOUR O'CLOCK (Marvel of Peru). H. A.

975. Fine Mixed. Pkt., 5c.

FUCHSIA (from seed). A well-known plant.

980. Double Mixed. Pkt., 15c; 2 pkts., 25c.

GAILLARDIA (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.

985. Double Mixed. Round as a ball. Pkt., 5c.

GODETIA.

Constant bloomers, very attractive, and well adapted to any soil. H. A.

990. Finest Mixed. Sure to please. Pkt., 5c.

991. Sunset. Rosy crimson. Pkt., 5c.

992. Crimson Glow. Bright crimson. Pkt., 5c.

GOURDS.

Ornamental. Also useful as well as ornamental. T. A.
See page 51 for other useful sorts.

995. Mixed. Many sorts. Pkt., 5c.

996. Chinese Bottle. Useful and ornamental. Pkt., 5c.

997. Genuine Pipe. Comes true to name. Pkt., 5c.

HIBISCUS. A perennial; blooms the first year if sown early.

998. New Giant-flowering. Enormous flowers, 10 to 12 inches in diameter; colors, rich dark red, soft mellow-pink and pure white. Pkt., 15c; 2 pkts., 25c.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. Choice Mixed. Pkt., over 500 seeds, 10c.

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer. H. P.

1005. Double Mixed. Producing the largest flowers. Pkt., 5c.

HUMULUS (Japanese Hop). A rapid growing climber. H. A.

1010. Japonicus. Withstands heat, drought and insects. Pkt. of over 50 seeds, Pkt., 5c.

KOCHIA. (Mexican Fire Bush). One of the most beautiful hedge plants ever introduced. See illustration. H. A.

1013. A rapid grower, producing globe-shaped bushes of finely cut green leaves and stems, which in the early fall change in color to a rich carmine, hence its name. Pkt., 5c.

LARKSPUR, Tall Rocket. One of the best known of our garden flowers. H. A.

1015. Fine Mixed. Best varieties. Pkt., 5c.

LATHRYUS (Everlasting Peas). Very attractive.

1020. Litifolius Mixed. Pkt., 10c; 2 pkts., 15c.

LOBELIA (Cardinal Flower). For edgings.

1025. Mixed. Dwarf varieties. Pkt., 5c.

MARIGOLD. Very effective for beds or borders, of easy culture. H. H. A.

1030. Mixed. Dwarf French. Pkt., 5c.

MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 5c; 3 pkts., 15c.

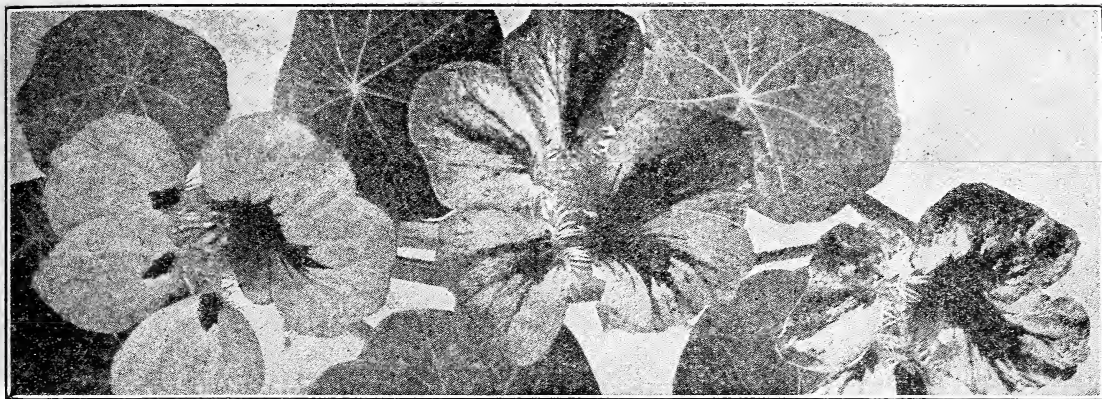
1037. White Pearl. This is a new variety; white-flowered machet. Pkt., 10c; 2 pkts., 15c.

MOONFLOWER (Ipomoea Noctiflora).

1040. White Seeded. Pkt., 10c; 2 pkts., 15c.

1041. White. Ivy leaved. Pure white. Pkt., 10c.

1042. Pink. Ivy leaved. Rosy pink. Pkt., 10c.



DWARF NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They are well adapted to poor soil.

1050. Dwarf Mixed. All choice colors. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 10c; ¼ lb., 35c.

1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 15c; ¼ lb., 40c.

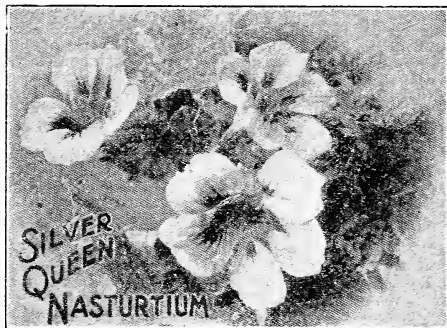
1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 15c; ¼ lb., 40c.

1054. Dwarf Fireball. A new distinct variety, with deep orange-scarlet flowers. Pkt., 10c; 2 pkts., 15c; oz., 40c.

1054½. Dwarf Beauty. Compact plants; bright scarlet flowers; well above the foliage. Pkt., 10c; 2 pkts., 15c; oz., 25c.

1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt., (½ oz.), 10c; 2 pkts., 15c; oz., 35c.

1056. Dwarf Silver Queen. A new variety sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated (illustrated opposite) and gives a very pleasing effect: cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 15c; 2 pkts., 15c; oz., 35c.



TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, or can be grown without support. No flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

1061. Scarlet Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 35c.

1062. Crimson Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 35c.

1063. Ivy Leaved. A new, distinct variety: ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.05.

CLIMBING NASTURTIUMS.

Flowers are borne in great profusion.

1065. Lobbs' Mixed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

1066. Madam Gunther's Hybrids. A new sort, very choice. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c.

One-quarter pound of any Nasturtium at three times the cost of one ounce when not otherwise mentioned, 1 lb., 3½ times cost of ¼ lb. See our market gardeners' net price list (free on request), for larger quantities.

MORNING GLORIES.

The Finest Annual Climbers in Existence. We take delight in our Morning Glories.

1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 15c; ¼ lb., 50c.

1046. Dwarf Mixed. Pkt., 5c; oz., 15c.

NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.

1070. Sanderae. Hardy Annual. Pkt., 5c.

PANSIES. Giant Prize and other varieties, with illustrations—page 80.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. P.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.

1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 15c; 2 pkts., 25c.

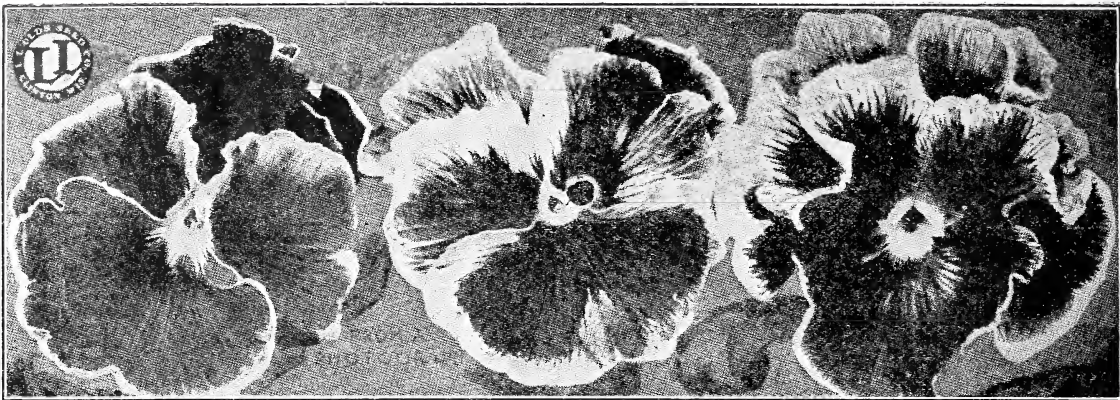
1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 5c.

1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 25c; 2 pkts., 45c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 15c; 2 pkts., 25c.





OLDS' GIANT PRIZE PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.

1075. **OLDS' GIANT PRIZE MIXED.** This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1076. **INTERNATIONAL MIXED.** A very fine mixture of pansy seed, gathered from all nations; saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

1077. **OLD'S LARGE FLOWERING.** A superb mixture, producing large flowers, of a great variety of charming colors—the best German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. **OLDS' ROYAL MIXED.** A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkts., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. **GIANT TRIMARDEAU MIXED.** Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 15c; 2 pkts., 25c.

1080. **MASTERPIECE.** A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 10c; 2 pkts., 15c.

1081. **HERCULES GIANT.** An abundant bloomer, with no small flowers; petals very large and rich in coloring and markings. Pkt., 10c; 2 pkts., 15c.

1082. **MATCHLESS.** A new variety; perfectly formed flowers, with a matchless variety of art color shades, which must be seen to be fully appreciated. Pkt., 15c; 2 pkts., 25c.

1083. **PRINCESS.** A new distinct variety. The stalks are firm, strong and upright; flowers freely. Pkt., 15c.

BEDDING PANSIES.

1085. **SNOW QUEEN.** Pure white, center slightly tinged with yellow. Pkt., 15c; 2 pkts., 25c.

1086. **FAUST.** King of the blacks. Pkt., 10c; 2 pkts., 15c.

1087. **GOLDEN GEM.** Golden yellow, without black center. Pkt., 10c; 2 pkts., 15c.

1088. **SUNSHINE.** Striped and mottled. Pkt., 10c.

One pkt., each, and 1 pkt. Royal Mixed, amounting to 55c, for 45c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance. Any 3 pkts., 20c.

1090. **PRESIDENT MCKINLEY.** Very effective. Black, bordered with yellow. Pkt., 10c; 2 pkts., 15c.

1091. **GIANT PURE WHITE.** Large, pure white flowers, without blotches. Pkt., 10c; 2 pkts., 15c.

1092. **BLACK PRINCE.** Giant jet black flowers. Pkt., 10c; 2 pkts., 15c.

1093. **GOLDEN QUEEN.** Large, pure golden yellow, shaded with canary. Pkt., 10c; 2 pkts., 15c.

PETUNIAS. The people's flower. See page 79.

PHLOX DRUMMONDII.

1110. **OLDS' FINEST MIXED.** Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 3 pkts., 15c.

1111. **Grandiflora Mixed.** Large-flowering mixed varieties, Pkt. 5c.

1112. **Drummondii Fine Mixed.** Pkt., 5c.

1113. **New Dwarf Cicely.** Large red and purple flowers, with a distinct white eye. Pkt., 10c; 2 pkts., 15c.

1114. **Starred and Fringed.** A distinct variety; star-like flowers. Pkt., 10c; 2 pkts., 15c.

1115. **Grandiflora Alba.** Large, pure white flowers; fine for borders. Pkt., 10c; 2 pkts., 15c.

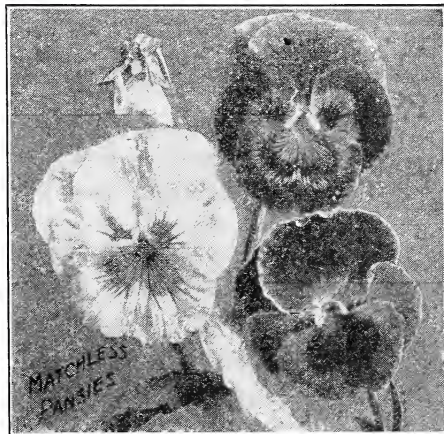
1116. **New Yellow.** Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

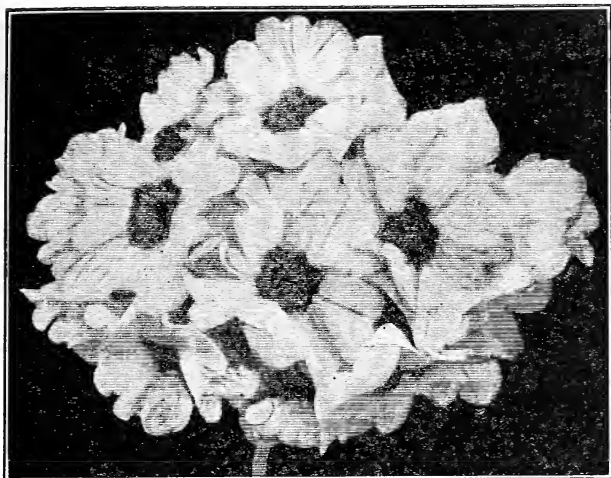
1117. **Snowball.** Flowers pure white; resembling snowballs. Pkt., 10c; 2 pkts., 15c.

1118. **Double Mixed.** Fine for cutting, lasting better than the single sorts. Pkt., 10c; 2 pkts., 15c.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.





Primula-obconica Grandiflora. Pkt., 10c.



1120. Olds' Finest Mixed. Pkt., 5c.

POPPIES.

Great favorites with everybody—old-fashioned but very showy; greatly improved varieties. See illustration above.

1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.

1121. Improved Carnation. Double mixed. A splendid mixture. Pkt., 5c.

1122. Reselected Shirley. Compact. Pkt., 5c.

1123. White Swan. Double white; very effective. Pkt., 5c.

1124. Double Yellow. A new color. Pkt., 5c.

1125. Santa Rosa. A new poppy. Pkt., 5c.

1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet. Pkt., 5c.

1127. White Oriental. A new Oriental variety—see illustration opposite. It is a pure satiny white with a bold crimson blotch at the base of each petal. Hardy Perennial. Pkt., 20c.

1128. Iceland Mixed. Beautiful and fragrant; excellent for vases. Pkt., 10c; 2 pkts., 15c.

1129. Black Prince. A choice new single variety. Pkt., 5c.

1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.

PORTULACA. Unrivalled for beauty. H. A.

1130. Double Flowering. A fine assortment. Pkt., 10c.

1131. Single Mixed. All colors. Pkt., 5c.

PRIMULA. Chinese Primrose.

Easily grown from seed. Sow early and transplant.

1135. Large Flowering. Mixed. Pkt., 10c; 2 pkts., 15c.

1137. Giant Pink. Best pink. Pkt., 15c; 2 pkts., 25c.

1138. Giant White. Best white. Pkt., 15c; 2 pkts., 25c.

1139. Obconica. Grandiflora mixed. Illustrated above. Pkt., 10c.

RICINUS. (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

1140. Mixed. 6 to 15 ft. high. Pkt., 5c.

SALPIGLOSSIS (Velvet Flower). A great favorite. H. H. A.

1145. Fine Mixed. Very ornamental. Pkt., 10c; 2 pkts., 15c.

SALVIA SPLENDENS.

Flowering Sage. A very popular, H. H. P.

1150. Scarlet Sage. Brilliant flowers. Pkt., 10c; 2 pkts., 15c.

1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 15c; 2 pkts., 25c.

1152. Patens. Bright blue flowers. Pkt., 15c; 2 pkts., 25c.

1153. Bonfire. The most effective and gorgeous plant in cultivation—see illustration opposite. Pkt., 10c; 2 pkts., 15c.

1154. Ostrich Plume. A splendid new variety covered with gorgeous plumes of the brightest color. Pkt., 15c; 2 pkts., 25c.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

1155. Double Mixed. Large flowering. Pkt., 5c.

1156. Snowball. Best double white. Pkt., 5c.

1157. Golden Yellow. A desirable color. Pkt., 5c.

SCHIZANTHUS (Butterfly Flower). H. A.

1160. Mixed. Very picturesque. Pkt., 5c.

SENSITIVE PLANT (Mimosa Pudica). Curious plants. H. A.

1163. Leaves close and droop at the slightest touch; pinkish-white flowers. Pkt., 5c.

SMILAX. The finest thing out. T. A.

1165. Fine for hanging baskets. Pkt., 10c; 2 pkts., 15c.

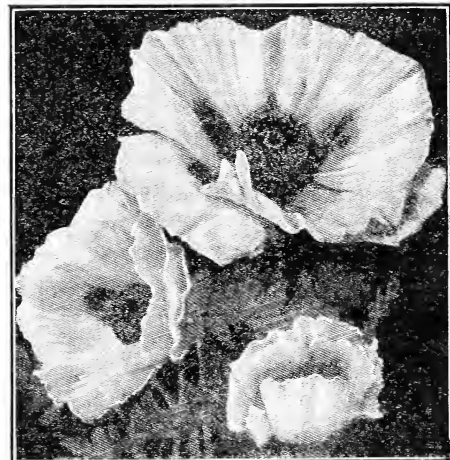
STOCKS.

Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

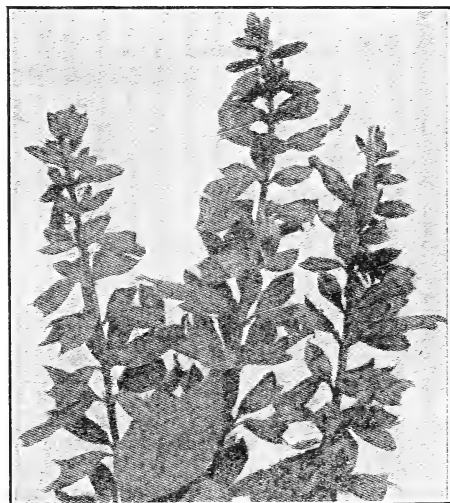
1170. Finest Mixed. Choice colors. Pkt., 5c.

1171. White Princess. Best white. Pkt., 10c; 3 pkts., 15c.

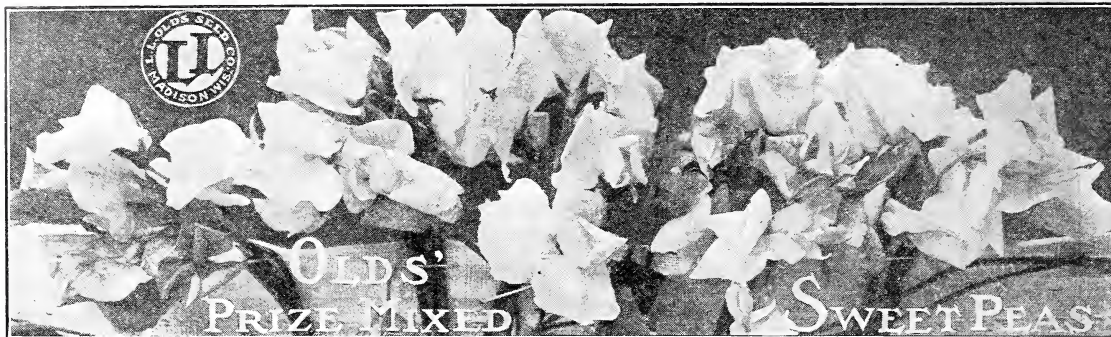
1172. Primrose. Best large primrose. Pkt., 10c; 3 pkts., 15c.



White Oriental Poppy. Pkt., 20c.



Salvia Splendens. Pkt. 10c.



OLD'S' PRIZE MIXED.

1200. This mixture is from the best, newest, largest-flowering sorts.—Giants of California.—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

SPENCER VARIETIES.

1203. MIXED. This mixture is made up of the best, newest and largest flowering Spencer varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

1203 $\frac{1}{2}$. KING WHITE. A new variety. (illustrated opposite). A great improvement in form, size, vigor and purity. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 70c.

1205. WHITE. Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

1212. PRIMROSE. Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 5c; oz. 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

1217 $\frac{1}{2}$. MRS. ROUTZAHN. Cream with a decided rose edge. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

1218 $\frac{1}{2}$. AUROEA. Orange rose striped on white ground. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

1219 $\frac{1}{2}$. QUEEN VICTORIA. A very fine soft yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.80.

1225 $\frac{1}{2}$. APPLE BLOSSOM. Crimson pink and white shaded. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

1234 $\frac{1}{2}$. COUNTESS SPENCER. Bright, clear pink; large blossoms. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

1237 $\frac{1}{2}$. FIERY CROSS. Fiery Cross has all the appearance of live fire. The color is a bright fire red, without any shading. It glitters in the bright sunshine, and does not scorch or burn. Crop failed.

1238 $\frac{1}{2}$. KING EDWARD VII. The best dark rich red. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

COLORS MIXED. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

1264. BEST PURE WHITES. Blanche Burpee, etc.

1265. LIGHT SHADES. Dainty, Modesty, etc.

1266. LAVENDER AND LIGHT BLUE. Lottie Eckford, etc.

1267. SHADES OF PINK. Apple Blossom, Janet Scott, etc.

1268. SHADES OF RED. Her Majesty, Mars, Salopian, etc.

1269. BLUE AND PURPLE. Captain of the Blues, etc.

1270. DARK SHADES. Black Knight, Shahzada, etc.

LATER INTRODUCTIONS. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

PURE WHITE.

1206. Blanche Burpee.

1207. Emily Henderson.

1209. Dorothy Eckford.

1210. White Wonder.

1211. Nora Unwin.

LIGHT SHADES.

1213. Dainty.

1214. Modesty.

1214 $\frac{1}{2}$. Lady Mary Currie.

1215. Evelyn Byatt.

1215 $\frac{1}{2}$. Mrs. Eckford.

1216. Golden Rose.

1216 $\frac{1}{2}$. Aurora.

1217. Mrs. Jos. Chamberlain.

1218. Senator.

1219. Stella Morse.

1220. Countess of Radnor.

LAVENDER AND LIGHT BLUE.

1220 $\frac{1}{2}$. Lottie Eckford.

1221. Helen Pierce.

1222. Dorothy Tennant.

1223. Frank Dolby.

1224. Lady Grisel Hamilton.

1224 $\frac{1}{2}$. New Countess.

SHADES OF PINK.

1225. Apple Blossom.

1226. Janet Scott.

1227. Blanche Ferry.

1228. Gladys Unwin.

1229. Mrs. Alfred Watkins.

1230. Katherine Tracy.

1231. Blanche Ferry Ex. Early.

1232. Lovely.

1233. Prima Donna.

1234. Firefly.

SHADES OF RED.

1235. Her Majesty.

1236. E. J. Castle.

1237. Mars.

1238. Salopian.

1239. King Edward VII.

1239 $\frac{1}{2}$. America.

BLUE AND PURPLE.

1240. Captain of the Blues.

1241. Navy Blue.

1242. Countess of Cadogan.

DARK SHADES.

1245. Black Knight.

1246. Shahzada.

1247. Black Michael.

1248. Othello.

WINTER FLOWERING.

1204. Extreme Early Varieties.



OLD-FASHIONED GARDEN MIXTURE.

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt., ($\frac{1}{4}$ oz.), 10c.

We know our Flower Seed mixture including those named and many others will satisfy. But if Premium offer mentioned on page 76, is not taken, we will, providing the order amounts to 50 cents or more, give free, on request, a full sized packet of Old Fashioned Garden Mixture.

"OLD'S' CATALOG TELLS THE TRUTH."



From Olds' Seeds. Grown by H. H. Biggerstoff., S. Dak.

STOKESIA (Corn Flower Aster).

1175. Cyanea. For borders. Pkt., 10c; 2 pkts., 15c.

SUNFLOWER. Desirable for any location.

1180. Chrysanthemum Flowered. Bright golden yellow, double

flowers. Pkt., 5c; oz., 20c.

1181. Double Globe. Double flowers. Pkt., 5c; oz., 20c.

1182. Miniature. Bright and showy. Pkt., 5c.

1183. Double Star Shaped. Pkt., 5c.

1184. New Red. A novelty of merit. The flowers vary in

size from 4 to 7 inches across, with a variation of colors. Pkt., 5c.

SWEET WILLIAM. Fine for borders. H. P.

1300. Single Mixed. Perfect flowers. Pkt., 5c.

1301. Scarlet Beauty. Deep scarlet. Pkt., 5c.

VERBENAS. Free-flowering, hardy annuals of low,

spreading growth; great favorites.

1305. Olds' Finest Mixed. Largest flowers and the

choicest colors. Pkt., 10c; 2 pkts., 15c.

1306. Mammoth Mixed. Large-flowering. Pkt., 10c.

1307. Fine Mixed. All fine shades. Pkt., 5c.

1310. Mammoth White. Very choice. Pkt., 10c.

1311. Defiance. Bright scarlet. Pkt., 10c; 2 pkts., 15c.

1312. Italian Striped. Very showy. Pkt., 10c.

WALLFLOWER. Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

1316. Golden Glory. Rich Gold. Pkt., 5c.

WILD CUCUMBER. 1320. Pkt., 5c.

MIXED ANNUALS.

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily grown from seed the first season, should order some of our Mixed Annuals. Pkt., (1/4 oz.), 10c; oz., 35c.

If you order less than \$1.00 worth of flower seed (in packets), from this catalog, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed for each 25 cents worth ordered.



ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. Superb Double Mixed. Pkt., 5c.

1326. Dwarf Snowball. Pure white. Pkt., 10c.

1327. Dwarf Fireball. Bright scarlet. Pkt., 10c.

1328. Curled and Crested. Pkt., 10c; 2 pkts., 15c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

OLD'S CHOICE MIXED. 1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. Pkt., (1/4 oz.), 5c; oz., 15c.

MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who want such a bed should order one of our large-sized (1/2 oz.) packets of Mixed Perennials. Pkt., 15c; oz., \$1.00.

SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with.

OLD'S GLADIOLI.



The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive.

SELECT MIXTURE. Mostly light. First size, 6 for 20c; 12 for 35c. Not postpaid: 12 for 30c; 100, \$2.25.

STANDARD MIXTURE. First size, 6 for 15c; 12 for 25c. Not postpaid: 12 for 20c; 100, \$1.50; second size 12 for 15c; 100 for \$1.20.

AMERICA. One of the finest for cutting or bedding; color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 4c each; 6 for 20c; 12 for 35c. Not postpaid: Doz., 30c.

AUGUSTA. A lovely pure white variety. Strong, straight spikes often having two and three branches. First size bulbs, 4c each; doz., 35c. Not postpaid: Doz., 30c.

MAY. A good forcing variety. Spikes, with pure white flowers, flaked with bright crimson. Price same as for America.

CARDINAL. Large handsome spikes, with clear intense scarlet flowers; very showy. First size bulbs, 15c each; 6 for 75c; doz., \$1.45. Not postpaid: Doz., \$1.35.

BRILLIANT. Scarlet and carmine with white throat; extra large flowers. First size, 10c each; 6 for 50c; doz., 95c. Not postpaid: Doz., 85c.

SCHWABEN. One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 12c each; 6 for 60c; doz., \$1.15. Not postpaid: Doz., \$1.10.

BARON HULOT. The best blue gladiolus. When cut in combination with Schwaben, above, it makes a very fine effect. First size bulbs, 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 50c.

VELVET KING. Dark red. SUNLIGHT. Light crimson with canary yellow throat; CANARY BIRD. Clear canary yellow, and one of the finest in existence. First size bulbs, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 70c.

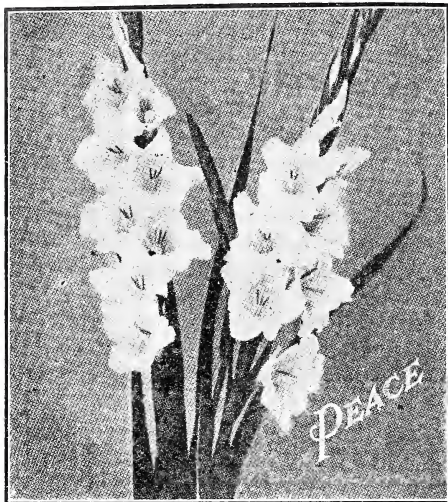
varieties for 70c; your choice, any 3 for 25c; any 6 for 45c. The



SPECIAL OFFER. One each of the above ten selection must consist of two or more varieties.

OLDS' GLADIOLI—CONTINUED

PEACE. A grand new distinct white variety of more than special merit. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 10c each; 6 for 50c; doz., 95c. Not postpaid: Doz., 85c.



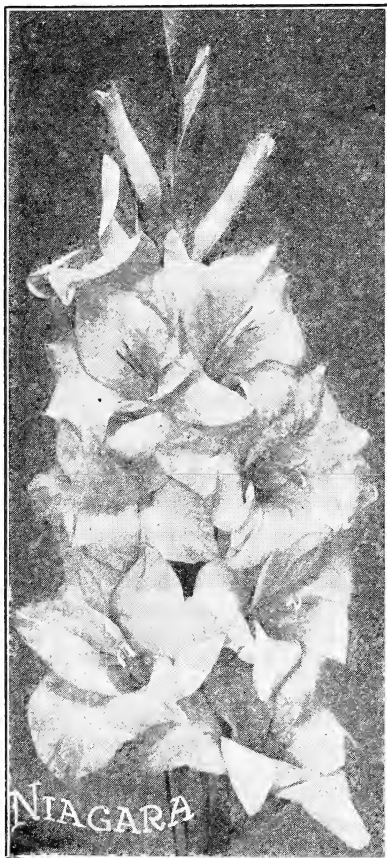
PINK PERFECTION. A new variety which has attracted attention at exhibitions both in this country and Europe. The color is a delicate apple-blossom pink; flowers large, of good form and very attractive. First size bulbs, 12c each; 6 for 60c. Not postpaid: Doz., \$1.00.

MRS. FRANK PENDLETON. A new distinct variety. The color is a tinted white, with a deep red blotch on the lower petals. The flowers are large and very attractive. First size bulbs, 14c each; 6 for 70c; Not postpaid: Doz., \$1.25.



PRINCEPS. A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 8c each; 6 for 40c; doz. 75c. Not postpaid: Doz., 70c.

KUNDERDI GLORY. A new Gladiolus with ruffled petals. The large wide open flowers all face in the same direction—see illustration above. Price, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.



MRS. FRANCIS KING. The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 5c each; 1/2 doz., 25c; Not postpaid: Doz., 40c.

CHICAGO WHITE. One of the earliest varieties to bloom: 5 to 7 flowers open at one time—almost pure white. Price: 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 50c.

SULPHUR KING. One of the most desirable. It grows a very long spike of the clearest sulphur-yellow flowers. First size bulbs, 20c each; 1/2 doz., \$1.00. Not postpaid: Doz., \$1.85.

NIAGARA. A new cream colored variety, resembling America, but the flowers are larger, measuring 4 1/2 inches across—see illustration. The flower spike is very erect and stout; dark green foliage. Price: 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 70c.

PANAMA. A beautiful deep pink, with large, well-expanded flowers and a tall spike. Panama is a deep pink companion to America, now the most popular pink variety. Panama is a grand acquisition to any collection of Gladioli. We offer Panama this year at very reasonable rates. Price: 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 50c.

EMPRESS OF INDIA. A new brownish red, one of the darkest reds grown; flowers large, in fine spikes; very rich and showy. First size bulbs, 10c each; 6 for 50c; doz., 90c. Not postpaid: Doz., 80c.



DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties, the best recent introductions of select Decorative and Show Dahlias.

DOUBLE MIXED. Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Single tubers, 6c each; 6 for 30c; 12 for 55c; Divisions (1 to 3 roots), not postpaid: 8c each; 6 for 40c; 12 for 75c.

RED HUSSAR. A pure cardinal red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Single tubers, 8c each; 6 for 40c; 12 for 75c. Divisions (1 to 3 roots), not postpaid: 10c each; 6 for 50c; 12 for 95c.

CATHERINE DUER. Most beautiful glowing scarlet or geranium red, with no markings. It is a recent novelty from Newport gardens. Flowers very large, 7 inches across, opening out flat with wide petals. Price: Single tubers, 10c each; 6 for 50c; 12 for 95c. Divisions (1 to 3 roots), not postpaid: 12c each; 6 for 60c; 12 for \$1.15.

QUEEN OF YELLOWS. A pure yellow, large-flowering Show Dahlia. Early flowering and a strong, vigorous grower. Price, same as for Catherine Duer.

SYLVIA. A new decorative dahlia attracting much attention. Flowers 5 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Red Hussar.

MRS. ROOSEVELT. One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: Single tubers, 20c each; 6 for \$1.00.

CUBAN GIANT. An immense ball of bright maroon; early and free flowering. Price, same as for Catherine Duer.

MRS. WINTERS. Pure waxy white. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price, same as for Catherine Duer.

GOLIATH. Deep garnet red with long stem; **ROBERT BROOMFIELD.** Pure white, extra fine; **WM. AGNEW.** Rich dazzling red. Prices, same as for Catherine Duer.

SPECIAL OFFER. A single tuber each of the above ten varieties for \$1.50; your choice, any 3 for 45c; 6 for 85c.

The selection must consist of two or more varieties.

NEW DAHLIAS.

A. D. LIVONI. A splendid clear soft pink, beautifully quilled; of perfect form and very free flowering. Single tubers, 8c each; 6 for 40c; 12 for 75c. Divisions (1 to 3 roots), not postpaid: 10c each; 6 for 50c; 12 for 95c.

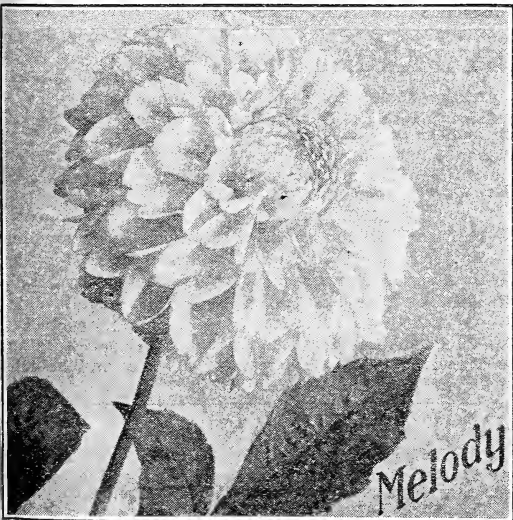
WOODROW WILSON. Bright red; free flowering and most desirable for cut flowers. Price: Single tubers, 15c each; 6 for 75c; 12 for \$1.40. Divisions (1 to 3 roots), not postpaid: 18c each; 6 for 90c; 12 for \$1.60.

GIANT PURE WHITE (Dreer's). Claimed to be the best pure white Dahlia ever introduced. It is much admired and where shown has in most cases been awarded the first prize as the finest white show variety. Price: Single tubers, 18c each; 6 for 90c; 12 for \$1.65. Divisions (1 to 3 roots), not postpaid: 20c each; 6 for \$1.00; 12 for \$1.85.

PRINCESS VICTORIA. The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Single tubers, 10c each; 6 for 50c; 12 for 90c. Divisions (1 to 3 roots), not postpaid: 12c each; 6 for 60c; 12 for \$1.10.

BELOIT. A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Single tubers 18c each; 6 for 90c; 12 for \$1.75. Divisions (1 to 3 roots), not postpaid: 20c each; 6 for \$1.00; 12 for \$1.90.

MELODY. A New Show Dahlia. The color is a clear bright canary yellow. The flowers are large, of good substance and last a long time after being cut, stems, long, erect—see illustration. Price: Single tubers, 18c each; 6 for 90c; 12 for \$1.70. Divisions (1 to 3 roots), not postpaid: 20c each; 6 for \$1.00; 12 for \$1.85.



NEW DAHLIAS—CONTINUED

See page 87 for the new dahlia Mina Burgle.

LE GRAND MANITOU. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Single tubers 20c each; 6 for \$1.00. Divisions (1 to 3 roots), not postpaid: 25c each, 6 for \$1.25; 12 for \$2.25.

FLAMINGO. A new variety, ranking as a cut flower in the same class with Delice. The flowers are large, rich, glowing, rose-pink in color and are held erect on long stiff stems. Single tubers, 10c each; 6 for 50c; 12 for 95c. Divisions (1 to 3 roots), not postpaid: 12c each; 6 for 60c; 12 for \$1.10.

DELICE. A beautiful soft rose pink, of recent introduction; when cut it retains its freshness longer than any variety we know of, which makes it one of the most valuable for cutting. Single tubers, 12c each; 6 for 60c; 12 for \$1.15. Divisions, not postpaid: 15c each; 6 for 75c; 12 for \$1.40.

MANZANOLA. Brilliant oriental-red with deep shading, a fine shaped flower with good stems, very free and ideal for cutting. Single tubers, 12c each; 6 for 60c. Divisions (1 to 3 roots), not postpaid: 15c each; 6 for 75c; 12 for \$1.35.

PERLE DE LYON. The most valuable white decorative Dahlia yet introduced; certain to become a great favorite; flowers perfect in form, pure white in color and borne on long stems. Single tubers, 10c each; 6 for 50c; 12 for 95c. Divisions (1 to 3 roots), not postpaid: 12c each; 6 for 60c; 12 for \$1.15.

CANNAS.

FIREBIRD. Green foliage, flowers in immense trusses, on tall stems well above the leaves. They are of splendid form, round, and as near perfect as any flowers we have ever seen. The petals measure 2½ inches across, and the color is a clear glistening scarlet without any streaks, spots or blotches. Single tubers, 15c each; 6 for 75c; 12 for \$1.40. Not postpaid 12c each; 6 for 60c; 12 for \$1.10.

CHAS. HENDERSON. Bright crimson flowers. Single tubers, 6c each; 6 for 30c; 12 for 55c. Not postpaid: 5c each; 6 for 25c; 12 for 40c.

HUNGARIA. An ideal pink, one of the best of the newer introductions. Single tubers, 10c each; 6 for 50c; 12 for 95c. Not postpaid: 8c each; 6 for 40c; 12 for 75c.

KING HUMBERT. The first large yellow canna. A pure, rich golden yellow, softly spotted red; very large spikes with flowers 5 to 7 inches across. Single tubers, 18c each; 6 for 90c; 12 for \$1.70. Not postpaid: 15c each; 6 for 75c; 12 for \$1.35.

TUBEROSE.

The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs; blooming all summer if started in March.

EXCELSIOR DWARF PEARL. The largest-flowering variety. First size: 4c each; 6 for 20c; 12 for 35c. Not postpaid: 6 for 15c; 12 for 25c; 100 for \$1.75. Second size, 12 for 15c; 100 for \$1.00.

CINNAMON VINE.

The prettiest thing out. For full description see page 28 of plant catalog. Good strong roots; 6 for 20c; doz., 35c. Not postpaid: 12 for 25c; 100, \$1.75.

EMERALD VINE.

An ornamental, useful and attractive climbing vine belonging to the same family as the cinnamon vine. The vines are of slender growth, but are very graceful and make a dense foliage. The foliage is a deep emerald green with a decided lustre. Price, good strong roots, 5c each; 6 for 25c; 12 for 45c. Not postpaid: 12 for 35c.



Delice: 12c each; 6 for 60c; 12 for \$1.15.

SPECIAL BULB COLLECTION.

SUMMER FLOWERING BULBS. These bulbs will grow and bloom freely this season. They are fine varieties, in assorted colors. We offer the entire lot, 22 in all, worth 88c, by parcel post, for 75c.

3 Double Dahlias, assorted	18c
6 Gladioli, standard mixed	18c
3 Tuberoses, Dwarf Pearl	12c
4 Cinnamon Vines	16c
4 Cannas, 2 Red, 2 Pink	24c
2 Collections for \$1.25.	Not postpaid: 2 for \$1.00.

EVERGREEN TREES BY PARCEL POST.

Price: Put up in packages of 50 Trees; each package \$1.00, any 6 for \$5.00, prepaid.

Fine for Hedges, Windbreaks and Ornamental Lawn planting. These packages cannot be broken. Order the kind wanted by using the package number at left of each variety.

Complete planting instructions and cultural directions will be furnished with each order.

There is no better way of making your grounds beautiful, than to plant beautiful evergreens. In summer they are cooling and in winter they add color, warmth and cheerfulness. These varieties are hardy and will grow in any part of the country.

- 1.—50 Norway Spruce 2-5 inch 2 year seedlings
- 2.—50 Scotch Pine 2-5 inch 2 year seedlings
- 3.—50 Douglas Fir 3-6 inch 2 year seedlings
- 4.—50 Assorted Evergreens 3-6 inch 2 year seedlings
- 5.—50 Colorado Blue Spruce 3-6 inch 3 year seedlings
- 6.—50 White Pine 3-6 inch 2 year seedlings

- 7.—50 Black Hill Spruce 3-6 inch 3 year seedlings
- 8.—50 American Arbor Vitae 4-8 inch 3 year seedlings
- 9.—10 Assorted Evergreens Transplanted 4 years old
- 10.—50 Jack Pine 3-6 inch 2 year seedlings
- 11.—50 Red Cedar 3-5 inch 1 year seedlings
- 12.—50 Ponderosa Pine 3-6 inch 2 year seedlings

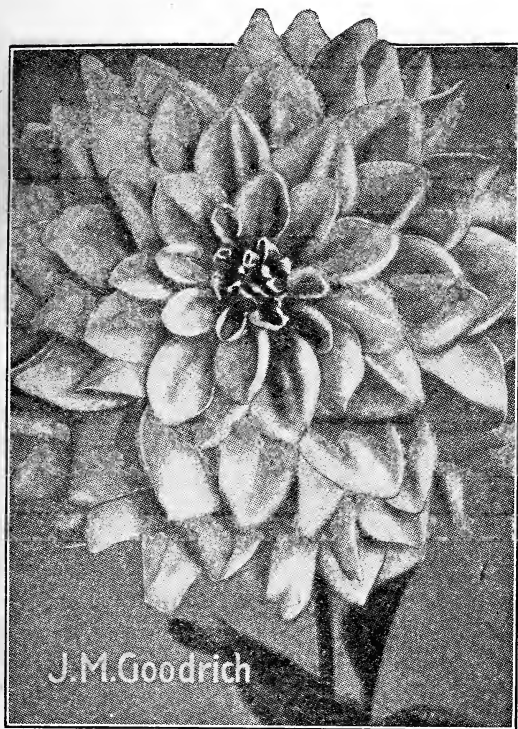
You cannot afford to overlook these offers. Think of it! 50 Trees for \$1.00. Orders received early will be filled during March, April and May—depending on locality. The trees are small but large enough for planting.

ROSES AND OTHER ORNAMENTAL PLANTS.

SEPARATE CATALOG FREE ON REQUEST.

Our plant catalog is a 32-page book, with cover. It is nicely illustrated and gives full descriptions of the best and newest in plant life. If you wish to order plants with your seed order drop us a card and we will send you a copy.

“OLDS’ CATALOG TELLS THE TRUTH.”



J. M. GOODRICH. A new decorative variety of immense size—see illustration. It has size and beauty, very long stems and is free flowering. The coloring is a beautiful salmon-pink, with each petal tipped with primrose-yellow. An ideal Dahlia—be sure and try it. **Price:** Single tubers, 20c each; 6 for \$1.00; 12 for \$1.85. Divisions (1 to 3 roots), not prepaid: 25c each; 6 for \$1.25; 12 for \$2.25.

STORM KING. The most reliable snow white dahlia to date. Pure white flowers on good stems, well above

the foliage. Single tubers, 8c each; 6 for 40c; 12 for 75c. Divisions (1 to 3 roots), not postpaid: 10c each; 6 for 50c; 12 for 95c.

MINA BURGLE. A new introduction and one of the finest varieties to date. It produces immense flowers, borne on long stems well above the foliage—see illustration. The flowers are of perfect decorative type: bright scarlet in color and sure to attract attention. **Price:** Single tubers, 20c each; 6 for \$1.00; 12 for \$1.95. Divisions (1 to 3 roots), not postpaid: 25c each; 6 for \$1.25; 12 for \$2.45.

BULBS FOR FALL PLANTING ORDER NOW TO BE SENT IN PROPER SEASON 25 or more at 100 rate

HYACINTHS. Fancy for forcing.
In separate colors, grand for either forcing or bedding.

BLUE (Single). All shades.....	\$0.06	\$0.30	\$0.55	\$4.25
RED (Single). All shades.....	.06	.30	.55	4.25
WHITE (Single). All shades.....	.06	.30	.55	4.25
YELLOW (Single). All shades.....	.06	.30	.55	4.25
MIXED (Single). All colors.....	.05	.25	.45	3.50

SINGLE TULIPS. Separate color mixtures.

WHITE SHADES , Mixed.....	2 for .05	.12	.20	1.50
YELLOW SHADES , Mixed.....	2 for .05	.12	.20	1.50
STRIPED SHADES , Mixed.....	2 for .05	.12	.20	1.50
RED SHADES , Mixed.....	2 for .05	.12	.20	1.50
PINK SHADES , Mixed.....	2 for .05	.12	.20	1.50
MIXED , All colors.....	.02	.10	.16	1.25

DOUBLE TULIPS. Separate color mixtures.

WHITE SHADES , Mixed.....	.03	.15	.25	2.00
YELLOW SHADES , Mixed.....	.03	.15	.25	2.00
STRIPED SHADES , Mixed.....	.03	.15	.25	2.00
RED SHADES , Mixed.....	.03	.15	.25	2.00
PINK SHADES , Mixed.....	.03	.15	.25	2.00
MIXED , all colors.....	2 for .05	.12	.20	1.60
DARWIN TULIPS. Fine good varieties.....	.04	.20	.35	2.75

NARCISSUS, or DAFFODILS. 1st Size.

PAPER WHITE.....	.04	.20	.30	2.25
GOLDEN SPUR. Rich yellow, very early.....	.05	.25	.40	3.00
VON SION. Double Yellow.....	.05	.25	.45	3.25
JONQUILS. Very sweet scented.....	.02	.10	.16	1.25

FREESIAS. Pure White.

PURITY. Strong stem.....	2 for .05		.25	1.95
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SNOWDROPS. First to Bloom.

DOUBLE03	.15	.25	2.00
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CROCUS. 1st Size.

LARGE YELLOW	4 for .05		.12	.80
WHITE SHADES	4 for .05		.12	.80

By parcel post.

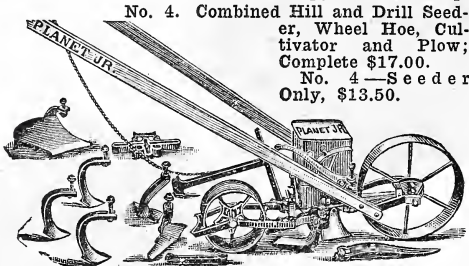
Each.	½ Doz.	Doz.	100
\$0.06	\$0.30	\$0.55	\$4.25
.06	.30	.55	4.25
.06	.30	.55	4.25
.06	.30	.55	4.25
.05	.25	.45	3.50
2 for .05	.12	.20	1.50
2 for .05	.12	.20	1.50
2 for .05	.12	.20	1.50
2 for .05	.12	.20	1.50
2 for .05	.12	.20	1.50
.02	.10	.16	1.25
.03	.15	.25	2.00
.03	.15	.25	2.00
.03	.15	.25	2.00
.03	.15	.25	2.00
.03	.15	.25	2.00
2 for .05	.12	.20	1.60
.04	.20	.35	2.75
.04	.20	.30	2.25
.05	.25	.40	3.00
.05	.25	.45	3.25
.02	.10	.16	1.25
2 for .05		.25	1.95
.03	.15	.25	2.00
4 for .05		.12	.80
4 for .05		.12	.80

We have a dozen or more good books you ought to have. List free on request.

Planet Jr. Garden Tools

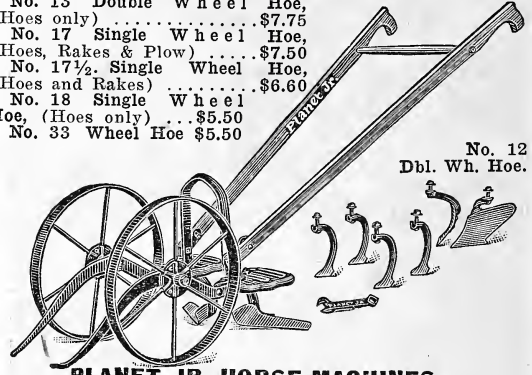
The New "Planet Jr." Catalogue is the hand-somest, best and most instructive book ever issued on a similar subject. Full of the points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed.

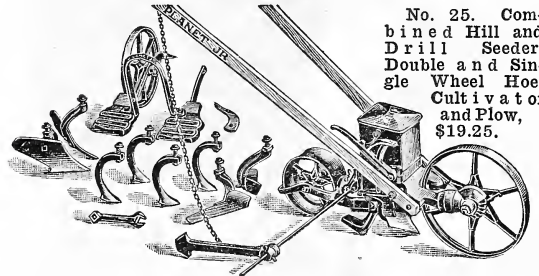


No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow; Complete \$17.00.
No. 4—Seeder Only, \$13.50.

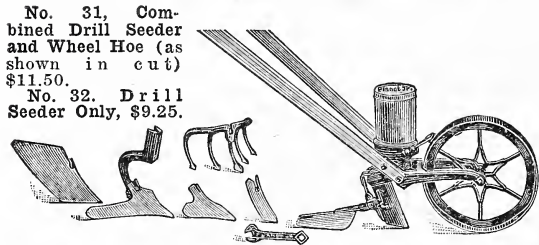
- No. 11 Double & Single Wheel Hoe, with Cultivator, Plows and Rakes, \$14.00
No. 12 Double Wheel Hoe, Cultivator and Plow \$11.00
No. 13 Double Wheel Hoe, (Hoes only) \$7.75
No. 17 Single Wheel Hoe, (Hoes, Rakes & Plow) \$7.50
No. 17½ Single Wheel Hoe, (Hoes and Rakes) \$6.60
No. 18 Single Wheel Hoe, (Hoes only) \$5.50
No. 33 Wheel Hoe \$5.50



No. 12 Dbl. Wh. Hoe.



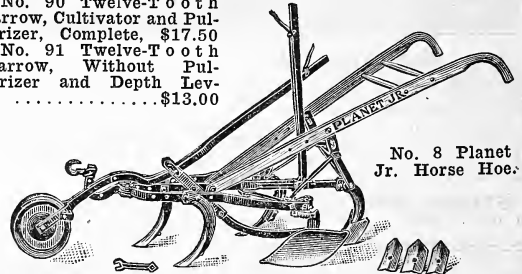
No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$19.25.



No. 31. Combined Drill Seeder and Wheel Hoe (as shown in cut) \$11.50.

No. 32. Drill Seeder Only, \$9.25.

- PLANET JR. HORSE MACHINES.**
No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below \$17.50
No. 9 Combined Horse Hoe & Cultivator \$15.00
No. 82 Combined Horse Hoe, Cultivator and Hiller \$16.50
No. 101 Plain Cultivator with Wheel \$12.00
No. 90 Twelve-Tooth Harrow, Cultivator and Pulverizer, Complete, \$17.50
No. 91 Twelve-Tooth Harrow, Without Pulverizer and Depth Lever \$13.00



No. 8 Planet Jr. Horse Hoe.

STANDARD GARDEN TOOLS



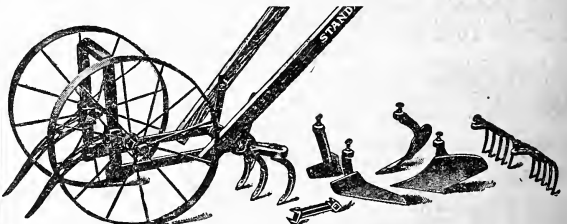
No. 20 Standard Cultivator, Rake & Plow, with 24 inch wheel, as shown in cut \$4.50
No. 20 Standard with Three-Shovel Attachment in place of plow. \$4.50

No. 201 Standard With Midget Seeder Attachment, as shown in illustration, \$8.25.

No. 1 Midget Seeder only, \$3.75.



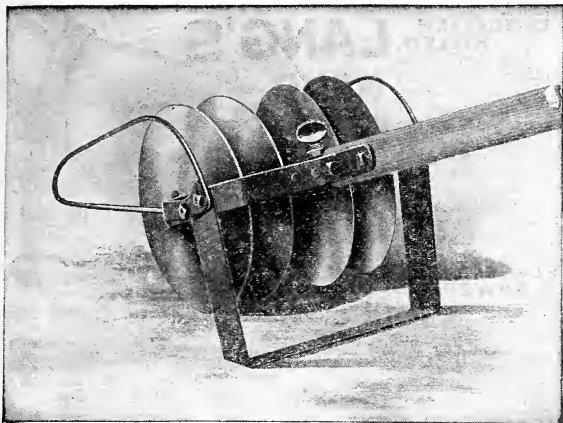
No. 9 Standard Hill and Drill Seeder, Single & Double Wheel Hoe, Cultivator, etc. Complete, \$16.00.
No. 11 Hill & Drill Seeder Only, \$12.50.
No. 4 Double Wheel Hoe & Cultivator, \$9.25.



No. 2 Spring Beam Cultivator, Complete (as shown) \$8.50.
No. 7 With Shovels and Hoes Only, \$7.25.

The "Midget Seeder," will attach to any Standard single wheel cultivator and is practical for the home garden. Will drill out clean a 5 cent packet of seeds.

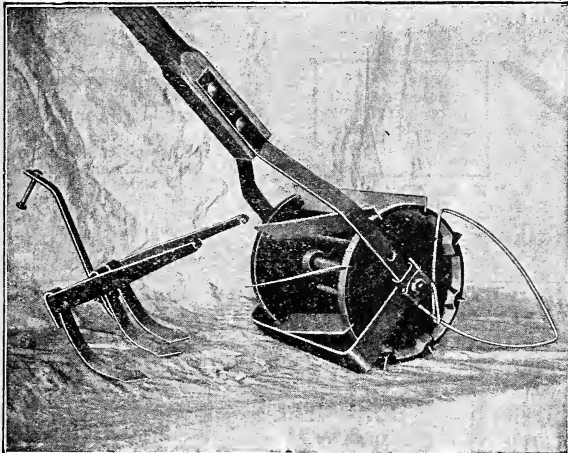
The Standard tools are giving the best of satisfaction. We recommend them. Complete Standard catalog free.



PERFECTION GARDEN CULTIVATOR.

Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand Cultivators. It has no attachments and no encumbrances, is complete in itself. It does the weed killing, cultivating and mulching at one process. The stiff wire leaf guards keep the tops of the plants away from the discs.

Price, only\$3.50



BARKER WEEDER, MULCHER AND CULTIVATOR

—3 TOOLS IN ONE—

Makes Gardening Easy and Insures Best Yields

The one implement every gardener should have, whether raising produce as a business or for the table.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

6-Inch Cut, for lettuce, \$6.00.

8½-Inch Cut, for onions and family gardens, \$7.50.

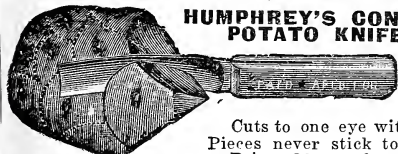
10-Inch Cut, best for most crops, \$8.50.

11-Inch Cut, for beets and rutabagas, \$9.20

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, mailed free on request.

HUMPHREY'S CONCAVE POTATO KNIFE.



Cuts to one eye without injuring. Pieces never stick together.

Price, 30c; 3 for 75c, postpaid.

INVINCIBLE POTATO PLANTER.

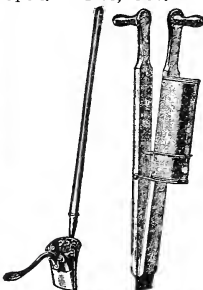
Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$1.40.

Extra Springs for Invincible, 10c each.

HANDY SEED CARRIER.

Made especially for the purpose, with iron hoop to keep the mouth open. Price, 50c.



Invincible Potato Planter.

ACME CORN PLANTER.

Simple, durable and accurate. Price, plain, 90c; with Pumpkin Seed Attachment, \$1.10.

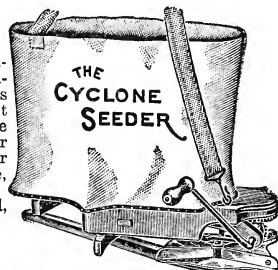
ACME POTATO PLANTER.

The original hand potato planter. Price, 90c.

CYCLONE SEEDER.

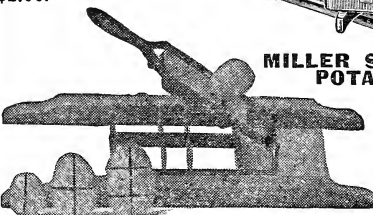
The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains.

Price, \$1.75. By mail, \$2.00.



MILLER SEED POTATO GUTTER.

Simple, durable and accurate. Will cut any size potato in pieces of uniform size. Cuts 8 bus. an hour. Price, \$3.00.



PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot.



	By Mail.	By Exp. or Freight
25	100	25 100 1000
2 ¼-inch	\$0.18 \$0.50	\$0.13 \$0.40 \$3.50
2 ½-inch	.20 .55	.15 .45 4.00
3-inch	.25 .75	.20 .60 5.50
3 ½-inch	.30 .95	.25 .75 6.75
4-inch	.35 1.20	.30 1.00 8.75
5-inch	.55 1.80	.40 1.50 13.50
6-inch	.85 2.40	.55 1.95 17.50

PAINTED POT AND GARDEN LABELS.

	By Mail.	By Express
25	100	25 100 1000
Painted Labels 4x5 inch.	\$0.10 \$.25	\$.07 \$.20 \$1.25
Painted Labels 6x8 inch.	.15 .45	.12 .35 2.50
Painted Labels 8x8 inch.	.20 .50	.15 .40 3.00
Painted Labels 10x8 inch.	.25 .75	.20 .65 5.00
Painted Labels 12x1 ½ inch.	.45 1.25	.35 1.00 8.50

RED CLAY FLOWER POTS.

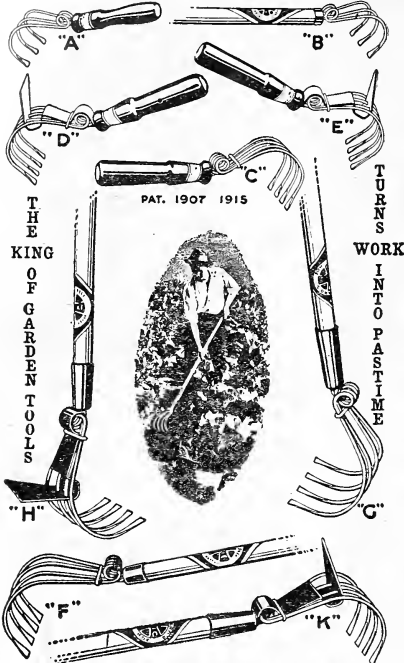
We pack carefully but are not responsible for breakage. (Six at dozen rate, 50 at 100 rate).



	Each	Doz.	100	1000
.2 in.	\$.02	\$.15	\$.75	\$6.00
2 ¼ in.	.02	.16	.80	6.50
2 ½ in.	.02	.18	1.00	7.50
3 in.	.03	.25	1.25	10.00
3 ½ in.	.03	.30	1.50	12.50
4 in.	.04	.35	1.75	15.00
4 ½ in.	.04	.40	2.25	18.00
5 in.	.05	.50	3.00	25.00
5 ½ in.	.07	.65	3.50	31.50
6 in.	.08	.80	4.25	38.00

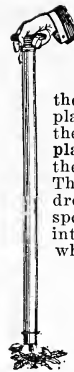
The articles offered on this page are not available unless a mail price is quoted.

Magic Weeder Hoes



MAGIC WEEDER HOES.

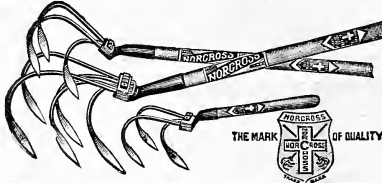
Style	By Mail	By Exp.
A. 3-Tine Hand Weeder	20c.	15c.
B. 18-Inch Handle	25c.	20c.
C. 4-Tine, Adjustable Width	30c.	25c.
D. With 1½-Inch Blade	40c.	35c.
E. With "V" Blade	40c.	35c.
F. 4-Tine, 42-Inch Handle		50c.
G. 48-Inch Handle, Strong & Heavy		75c.
H. 48-Inch Handle, 3-Inch Blade		80c.
K. 48-Inch Handle With "V" Blade		85c.



IDEAL DANDELION KILLER.

To kill dandelions or other weeds fill the tube with gasoline, place the valve plunger in the center or heart of the plant and press down on the tube a very little. This opens the valve and drops out about one teaspoonful of gasoline right into the heart of the plant which kills it roots and all.

Price, \$1.00. By mail, \$1.15.
VELVETLAWN FERTILIZER SOWER. Sows evenly and accurately. Just the thing for applying lawn fertilizer or sheep manure. Price, complete \$6.00.



NORCROSS GARDEN CULTIVATOR HOES.
MIDGET NORCROSS. Short handle. Price, 35c.
3-PRONG NORCROSS. Light. Price, 70c.
5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden should have one. Price \$1.00.



LAWN RAKE.
 24-Tooth. 50c.
STEEL BOW GARDEN RAKE.
 14-tooth. \$1.00.

Note — The articles on this page are not mailable unless a mail price is quoted.



LANG'S HAND WEEDER

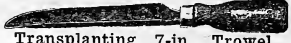
HANDIEST TOOL ON EARTH.



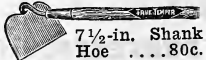
20c
 By Mail 25c



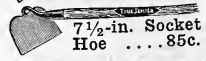
Steel 6 in. Garden Trowel, 10c each. By mail, 15c.



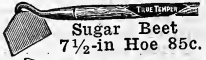
Transplanting 7-in. Trowel. 15c each. By mail, 20c.



7½-in. Shank Hoe ... 80c.



7½-in. Socket Hoe ... 85c.



Sugar Beet 7½-in Hoe 85c.



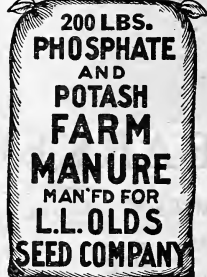
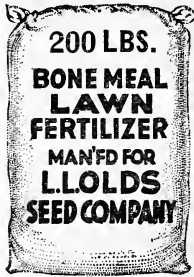
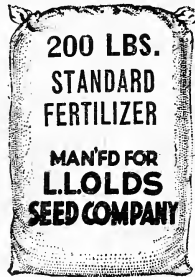
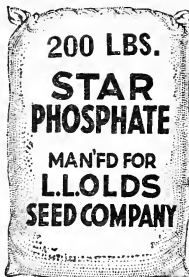
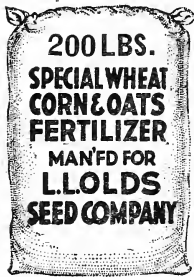
Spading Fork, \$1.35



Vegetable Scoop, \$1.85

Look over our list of tools and other miscellaneous things and order what you need to come with your seed order. They will not increase your freight bill appreciably.

HIGH-GRADE COMMERCIAL FERTILIZERS.



SPECIAL WHEAT, CORN AND OATS. Use for Corn, Oats and Sugar Beets, where bigger yields, and better quality are desired. Sow 350 lbs. per acre. Analysis, 1-8-1. 200 lbs., \$4.00; 1000 lbs., \$19.00; 2000 lbs., \$37.50.
STAR PHOSPHATE. A standard Phosphate for soils requiring Phosphoric Acid. Use 50 pounds on top of each load of manure on the manure spreader. 200 lbs., \$2.85; 1000 lbs., \$13.50; 2000 lbs., \$26.50.
STANDARD FERTILIZER. For garden truck, potatoes, tobacco and fruits. Use 500 lbs. per acre. Analysis 1-8-3. 25 lbs., 75c; 200 lbs., \$5.35; 1000 lbs., \$25.50; 2000 lbs., \$50.00.
SPECIAL GRAIN GROWER. Analysis, 2-8-1. 200 lbs., \$4.85; 1000 lbs., \$23.00; 2000 lbs., \$45.50.
AMMONIATED PHOSPHATE NO. 2. Excellent for truckers. 200 lbs., \$4.25; 1000 lbs., \$20.00; 2000 lbs., \$39.50.
BONE MEAL. Lawn Fertilizer. Best thing for lawns, both old and new. Use 25 lbs. to every 1000 square feet. Also fine for shrubbery and plants. 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$2.75; 200 lbs., \$5.00; 1000 lbs., \$23.50.
FARM MANURE. "Potash and Phosphate Special." A general purpose fertilizer for all farm crops. Sow 150 to 500 lbs. per acre. Analysis, 0-10-1. 200 lbs., \$3.35; 1000 lbs., \$16.00; 2000 lbs., \$31.50.

We have six very valuable bulletins which are free—"Corn Production," "Potato Production," "Fertilizer for Potatoes," "Alfalfa," "Crop Feeding Pays" and "Farmer's Almanac."

PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick in results and most satisfactory. Prices: 1 lb., 15c; by mail, 20c; 5 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.35; 100 lbs., \$2.50; 500 lbs., \$11.00; 1000 lbs., \$21.00.
 (Ask for book "The Ideal Fertilizer," telling how to use sheep manure with different crops.)



MYERS BARREL SPRAY PUMP.



Myers No. 305 Barrel Pump.



Bucket Spray.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches in length; it has a good leverage, and is easily operated.

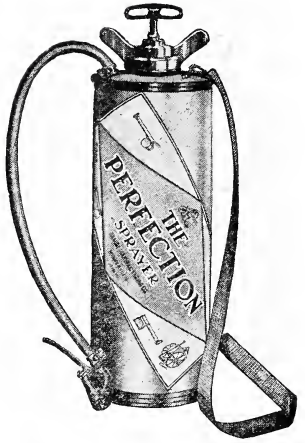
Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$14.00.

(Price does not include barrel.)

BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of ordinary barrel pump and bucket pump combined.

Price, Complete, with hose and Bordeaux nozzle, \$5.50.



PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. For use on Plants, Bushes, Vines, Hen Houses, etc. Tank 7 1/2 in. by 20 in., lock seamed with twenty-four rivets. Capacity 4 gallons. All furnished with automatic shut-off nozzles.

Price, Galvanized, \$6.25. Brass, \$9.50.

Perfection Double Row Attachment. For spraying two rows potatoes at once, 50 cents.

Extra Perfection Shut-off Nozzles, \$1.50 each.

AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of 1/2-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock....	\$ 9.50
No. 1-B, Brass tank with Auto-Pop	10.00
No. 1-C, Galv. tank with Stop Cock	6.25
No. 1-D, Galv tank with Auto-Pop	6.75
Brass Extension, 2 foot .....	.60
Galvanized Extension, 2 foot .....	.45

IDEAL SPRAYING OUTFIT.

A complete equipment for the small fruit grower or gardener. Galvanized tank holding 15 gallons mounted in a way that makes it convenient to handle. See illustration at left.

Price, Complete with hose and pipe extension, \$20.00.

LENOX SPRAYER.

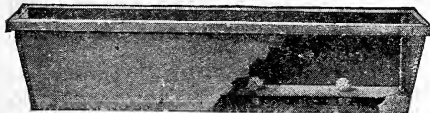
Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap makes one of the best sprays. The Lenox Sprayer is the most serviceable for house and garden.

Price (including a cake of tobacco soap) only 50 cents postpaid.

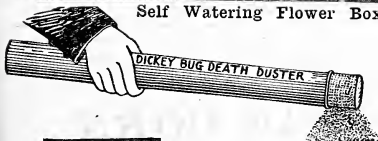


Ideal Spraying Outfit.

Lenox Sprayer.



Self Watering Flower Box.



BUG DEATH DUSTER. Price, 45c. By mail, 50c.

Bug Death Sifter. The ideal tool for applying Bug Death and Slug Shot dry. Price, 75c; by mail, 85c.

Adjusto Plant Support. An adjustable practical and durable plant support for tomatoes and other plants. Price, 15c; dozen, \$1.50.

SELF-WATERING FLOWER BOXES.

Neat, convenient practical window and porch boxes made entirely of metal and guaranteed not to leak. The box has a reservoir in the bottom, which when filled with water will supply plants with moisture for ten days, by means of sponges inserted in the false bottom of the box.

No. 0, 16 inch Window Flower Box..	\$1.25
No. 3, 27 inch Window Flower Box..	2.25
No. 7, 35 inch Window Flower Box ..	2.75
No. 21, 37 inch Porch Flower Box ...	3.50
No. 23, 45 inch Porch Flower Box ...	4.25

(The Porch Boxes are the same as the Window Boxes but of heavier material.)



Auto Spray, No. 1.



OLDS' SPECIAL.

Best sprayer for the money. Holds one quart. Only 45c.



Ideal Sprayer.

One quart, very strong, 50c.



Glass Tank Sprayer.

Quart Mason fruit jar, 60c.



Baby Midget.

Capacity, one-half pint, 35c.



Blow Powder Sprayer.

For applying poison and disinfectants in powder form. Holds one quart, 75c.

Note—Articles on this page not mailable unless a mail price is named. Ask for booklet, "When and What to Spray."



HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy.

Prices: 1 lb. tin canister with perforated top, 30c; by mail, 38c; 1 lb. carton with perforated top, 20c; 5 and 10 lb. bags, 9c per lb.; 25 lb. bags at 8½c; 125 lb. keg with duster \$10.00; 250 lb. barrel with duster \$18.00. Not mailable, except in certain canisters.

("BUGS AND BLIGHT," a 28-page book free.)

BUG DEATH.



Prices: 1 lb. carton with perforated top, 20c; 3 lbs., 45c; 5 lbs., 65c; 12½ lbs., \$1.35; 100 lbs., \$8.50. (Not mailable.) (Ask for "Bug Death," circular.)

PARIS GREEN.

Morris-Herrmann Co. brand.

Prices: ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.25; 14 and 28 pound pails at 60 cents a pound.

(Cannot be sent by mail. Prices subject to change.)

DRY BORDEAUX MIXTURE.

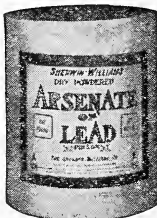
The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight. The dry Bordeaux goes further than the paste form.

Prices: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

DRY LIME SULPHUR.

Best of all sprays for fruit trees. The dry form that we offer is identically the same as the liquid and more easily handled. Dissolves quickly and easily. 85 pounds equals 50 gallons in liquid form.

Prices: 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$11.00.



DRY ARSENATE OF LEAD.

For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage and one application lasts a long time. The dry form is superior to the paste.

Prices: ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 25 lbs., \$10.50; 100 lbs., \$39.00.

DRY CALCIUM ARSENATE.

Used in the same manner and for the same purposes as Arsenate of Lead, but Costs less. Strong, deadly, effective.

Prices: 1 lb., 50c; 5 lbs., \$2.00; 25 lbs., \$8.00; 100 lbs., \$27.50.

SULPHO-TOBACCO SOAP. A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests.

3-oz. Cake (makes 1½ gals. prepared solution), 10c; by mail, 13c; 8-oz. Cake, 20c; by mail, 25c.

BLATCHFORD'S PLANT GROWER. A concentrated fertilizer for house plants. Prices: ½ lb., 15c; by mail, 23c; 1½ lbs., 25c; by mail, 35c.



ARMOUR'S PLANT FOOD.

(All Soluble.) For house plants, shrubs, lawns and gardens.

Lb., 25c; by mail 33c.

"BLACK LEAF 40."

A powerful and effective liquid insecticide, for use against aphids, thrips, leaf hoppers, and other soft-bodied sucking insects. Recommended by Experiment Stations. Ready to use by simply adding water.

Prices: 1 oz., 25c; ½ lb., 75c; 2 lbs., \$2.50; 10 lbs., \$10.75. (Not mailable.)

STERLINGWORTH PLANT TABLETS

PLANT FOOD TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 Tablets, sufficient for 10 house plants 3 months, 10c postpaid; 100 Tablets, regular size box, 25c, postpaid; 250 tablets, 50c, postpaid.

POWDERED TOBACCO. For aphids, fleas, beetles, etc. Lb., 15c; by mail, 23c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.50.

WEED KILLER. For killing grass and weeds on roadways, paths, tennis courts, ball diamonds, walks and gutters. Destroys all vegetation.

Prices: 1 gal., \$1.00; 5 gals., \$4.50.

BACILI-KIL. A sovereign remedy for germ diseases of poultry.

Also for use in the home for cuts, boils, sore throats, etc. Kills all odors.

Prices: 12 oz. bottle, 50c; by mail, 60c; qt., \$1.00; gal., \$2.50. (Quarts and gallons not mailable.)

CUTWORM FOOD



CUTWORM FOOD. For cutworms and cabbage worms. Very effective.

Prices: 1 lb. (sufficient for 75 to 100 hills), 25c. Not mailable.

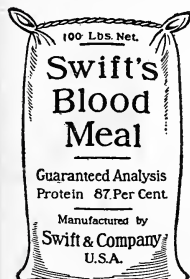
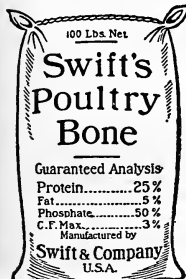
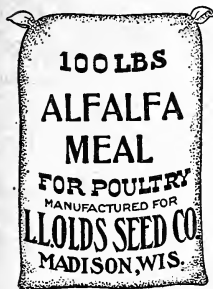
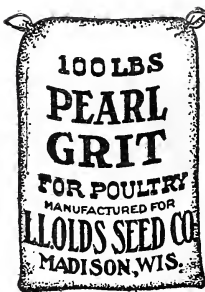
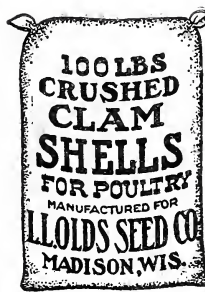
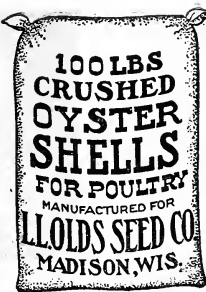
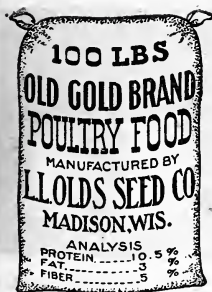
(Ask for special circulars on the use of Bordeaux, Lime Sulphur, Arsenate of Lead, Calcium Arsenate, Black Leaf 40 and Cutworm Food.)

RAT CORN

RAT CORN.

Kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.





OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, kafir corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.

Prices: 10-pound sack, 50c; 100-pound sack, \$4.35; 3 sacks at \$4.25. Special prices in quantity. (With sprinkling of grit 10c per 100 pounds less).

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, cracked kafir corn, hulled oats and millet. Licensed and guaranteed.

Prices: 10-pound sack, 50c; 100-pound sack, \$4.50; 3 sacks at \$4.40. (With grit 10c less.)

(Prices on poultry and chick food are subject to change. Ask for "Weekly Price List Poultry Feeds and Supplies.")

OYSTER SHELLS. 100-lb. sack, 90c; 3 sacks at 85c.

CLAM SHELLS. 100-lb. sack, 70c; 3 sacks at 65c.

PEARL GRIT. Prices: 100-lb. sack, 75c; 3 sacks at 70c.

MICO SPAR CUBICAL GRIT. 100-lb. sack, 90c; 3 sacks, at 85c.

We have grit in two sizes, poultry and chick.

SHORT-CUT ALFALFA.

A high-grade article prepared by special machinery.

Price: 100-pound sack, \$2.85; 3 sacks at \$2.75.

ALFALFA MEAL.

The ideal food for mashers. Prices: 100-pound sack, \$2.85; 3 sacks at \$2.75.

SWIFT'S POULTRY BONE.

Prices: 25 lbs., \$1.25; 50 lbs., \$2.40; 100 lbs., \$4.50.

Sizes, coarse, fine and meal.

SWIFT'S BLOOD MEAL.

Prices: 25 lbs., \$1.90; 50 lbs., \$3.65; 100 lbs., \$7.00.

SWIFT'S MEAT SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week at the rate of one ounce to each fowl, mixed with the feed.

Prices: 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.45; 50 lbs., \$2.75; 100-pound sack, \$5.25.

FRENCH'S POULTRY MUSTARD.

Of great value in increasing egg production. Ten cents per hen will furnish feed a year.

Prices: 1 1/2 lbs., 40c; by mail, 50c; 3 lbs., 75c; by mail, 90c; 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$6.00.

GROUND CHARCOAL.

50-pound sack, (two sizes) \$1.50; 100 lbs., \$2.90.

PRATT'S BABY CHICK FOOD.

For the first three weeks. Prices: 3 lbs., 30c; by mail, 45c; 6 1/2 lbs., 60c; 14 lbs., \$1.30.

CONKEY'S STARTING FOOD.

For small chicks for the first few weeks, 25c and 50c.

BLATCHFORD'S MILK MASH.

Baby chicks started on this imitation milk grow rapidly.

Prices: 4 lbs., 40c; by mail, 60c; 25 lbs., \$1.45; 100 lbs., \$5.10.

BLATCHFORD'S GALT MEAL.

25 lbs., \$1.45; 50 lbs., \$2.75; 100 lbs., \$5.10; 300 lbs. at \$5.00.

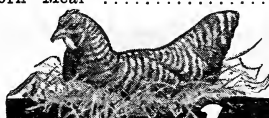
GRAINS, ETC., FOR POULTRY.

(Prices include sacks, but are subject to change. Write for "Weekly Price List.")

Per 100 lbs.	Per 100 lbs.
Feed Wheat	\$4.00
Cracked Wheat	4.15
Kafir Corn	4.25
Cracked Kafir Corn	4.40
Shelled Corn	4.40
Cracked Corn, coarse	4.50
Cracked Corn, fine	4.55
Corn Meal	4.55
Feed Barley	\$3.50
Feed Oats	3.15
Poultry Oat Meal for chicks	7.00
Sunflower	7.25
Split Peas for Pigeons	5.00
Whole Peas for Pigeons	5.00
Feed Millet	4.25
Hemp Seed	6.50

BLATCHFORD'S FILL THE BASKET EGG MASH.

4 lbs., 40c; 10 lbs., 60c; 25 lbs., \$1.20; 100 lbs., \$4.30.



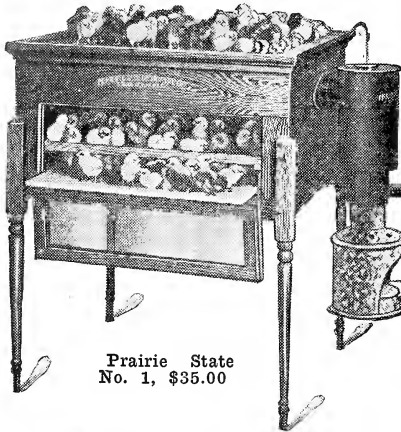
*Make every layer
a winter payer*

A slogan for poultrymen



Note—All prices on this page are subject to change. Write for "Weekly Price List of Poultry Feeds." Prices include sacks in all cases.

PRAIRIE STATE INCUBATORS



Prairie State
No. 1, \$35.00

Prairie State Incubators have been improved and are better than ever for 1918. They are strictly high grade in every respect, are made to last and are guaranteed to give entire satisfaction.

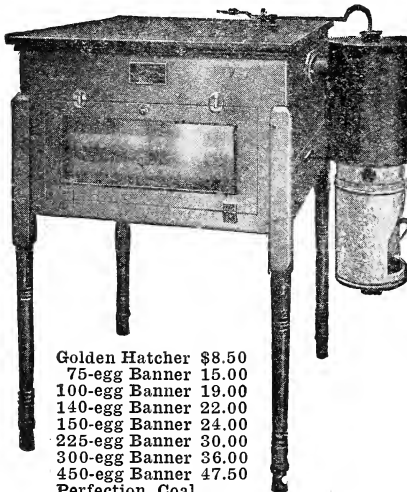
Prairie State machines are used in all parts of the country and have a splendid reputation, gained by thousands of tests made in large poultry plants.

Catalog free.

PRAIRIE STATE PRICES FOR 1918.

No. 0 Standard Prairie State Incubator, 100-egg	\$27.00
No. 1 Standard Prairie State Incubator, 150-egg	35.00
No. 2 Standard Prairie State Incubator, 240-egg	50.00
No. 3 Standard Prairie State Incubator, 390-egg	65.00
No. 1 Colony House Brooder, Outdoor	30.00
No. 2 Colony House Brooder, Outdoor	27.50
No. 3 Colony House Brooder, Outdoor	22.00
No. 1 Prairie State Portable Hover	18.00
Prairie State Junior Portable Hover	11.00
Universal Hover, Indoor	8.00
Universal Hover, Outdoor	9.00
Heat Regulator, extra	1.25
Prairie State Senior Stove Brooder	40.00

BANNER INCUBATORS.



The Banner Incubators are made right here in Wisconsin by men of long experience. The motto of the Manufacturers is "the best."

The Banner is built upon honor in every respect. It is giving perfect satisfaction and is made to last. We honestly believe there is no better incubator in the United States.

(Ask for Catalog.)

Golden Hatcher	\$8.50
75-egg Banner	15.00
100-egg Banner	19.00
140-egg Banner	22.00
150-egg Banner	24.00
225-egg Banner	30.00
300-egg Banner	36.00
450-egg Banner	47.50
Perfection Coal	
Brooder	17.50

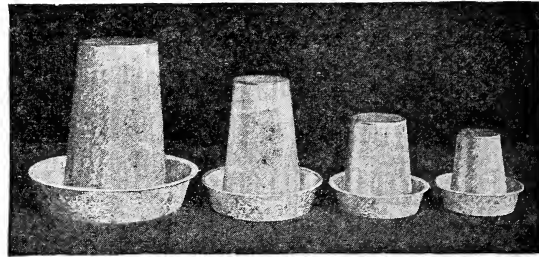
Banner Coal Burning Brooder\$21.50



THE IRON HEN.

A very satisfactory coal burning brooder at a reasonable price. Broods up to 300 chicks. Substantially made of heavy galvanized iron.

Price, same as last year, \$18.00.



Galvanized Drinking Fountains. Most popular founts. Qt., 30c; 2 qt., 40c; gal., 85c; 2, \$1.10.

Sanitary Wall Founts. May be hung on side walls or posts. Qt., 50c; gal., 90c; 2 gal., \$1.10.

Economy Drinking Fountain. A new improved style. The most sanitary and easiest cleaned. Can stand on the ground or hang on the wall. Gal., \$1.25; 2 gal., \$1.60.

Beef Scrap Hopper, 60c.

Norwich Automatic Air-Lock Fountain. Most perfect device for automatically supplying pure fresh water. Guaranteed frost proof at 10 degrees below zero. Price, complete, \$4.00.



Air-Lock Fountain. Grit and Shell Box.

Can be suspended from wall by handle. 2-Compartment, 50c; 3-Compartment, 90c.

Economic Food Hopper, \$1.00.

Boston Hopper. Large size, \$1.50.

Economy Dry Mash Hopper. A new hopper, best for any sort of dry mash.

No. 1, one compartment, \$2.00; No. 2, two comp., \$3.25.

Metal Nests, \$1.00 each.

Trap Nests, 60c ea.; doz., \$5.00.

Eyre Shipping Coops. Single

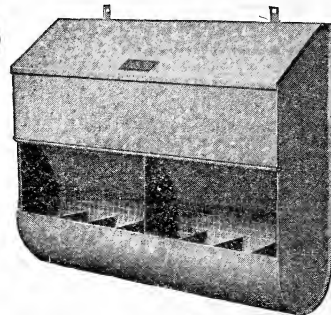
Bird, 60c; Pair, 70c; Trio, 90c.

Porcelain Nest Eggs. Made of flint glass. 3c ea.; 2, 5c; doz., 25c.

SIX-IN-ONE EXERCISER FEEDER.

An exerciser and feeder—plus! Consists of central hopper for mixed grain and five other compartments for dry mash, meat scraps, shell, grit and charcoal. The user of a "6 in 1" can fill it, then go away for several days.

Prices: 20 qt., \$3.75; 40 qt., \$4.50.



No. 2 Economy Dry Mash Hopper.



PATENTS PENDING

Norwich Automatic Feeder. For grain or mixtures of all kinds. Saves time, labor and feed. Guaranteed absolutely satisfactory in every respect or money refunded. No. 1 (8 quart), \$3.00; No. 2 (14 quart), \$3.90; No. 3 (20 quart), \$4.90; No. 4 (32 quart), \$6.00.

Apaco Poultry Feeder. Same mechanical features as the Norwich Automatic but of the hanging type. Designed for the small breeder. Capacity 12 quarts. Price, \$1.50.

BUCKEYE BROODERS.

(Bargain Prices to Close Out.)

No. 1 Indoor Brooder, 50 chicks	\$5.50
2 Outdoor Brooder, 50 chicks	7.00
5 Lampless Brooder, 25 chicks	1.25
6 Lampless Brooder, 50 chicks	2.25

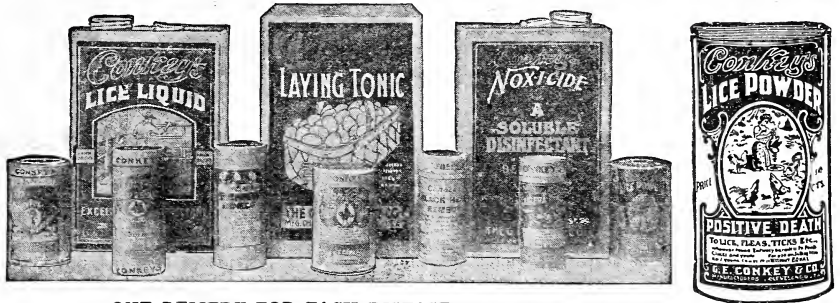


CONKEY'S REMEDIES.

We recommend Conkey's Remedies to you in the highest terms. They must satisfy you or your money is returned.



Don't
Worry!
Conkey
Will Cure
Me



ONE REMEDY FOR EACH DISEASE.

Roup Cure. For sneezing fowls. 30c, 60c and \$1.20, postpaid.
Roup Pills. For Roup, Colds, Catarrh, etc. 30c, postpaid.
Bronchitis Remedy; 60c. Postpaid, 65c.
Gape Remedy. Both cure and preventive; 60c. Postpaid, 65c.
Chicken Pox Remedy. A reliable cure; 60c. Postpaid, 65c.
Limb Neck Remedy; 60c. Postpaid, 65c.
Scaly Leg Remedy; 30c and 60c. By mail, 5c more.
Rheumatic Remedy. Cures lame birds; 60c. By mail, 65c.
Poultry Laxative. A reliable laxative; 30c, postpaid.
Head Lice Ointment; 15c and 30c, postpaid.
Poultry Worm Remedy; 60c, postpaid.
Poultry Tonic. For run down birds; 30c. By mail, 35c.
Cholera Cure; 30c and 60c, postpaid.
Blackhead Remedy. A special cure; 60c, postpaid.

Lice Powder. 5 oz., 15c; by mail, 20c; 15 oz., 30c; by mail, 35c; 48 oz., 60c; by mail, 80c; 100 oz., \$1.20.
Quick Loader Dusters. 15c each; 20c. by mail.
Lice Liquid. Qt., 50c; 2 qts., 75c; gal., \$1.25. Not available.
Laying Tonic. To promote egg production. 1 1/2 lbs., 30c; by mail, 40c; 3 1/4 lbs., 60c; by mail, 80c; 7 lbs., \$1.20; 25 lbs., \$3.50.
White Diarrhoea Remedy. 30c and 60c, postpaid.
Noxicide. A wonderful disinfectant and germicide. Pt., 40c; qt., 70c; 2 qts., \$1.00; gallon, \$1.75. Not available.
Sulphur Fumigating Candles. 15c each. By mail, 20c.
Poultry Book. Filled with the best kind of information for the poultryman. Price, 50c, or free on request with every order for Remedies amounting to \$1.00.
Fly Knocker. For stockmen and dairymen. Qt., 50c; 2 qts., 75c; gal., \$1.25; 5 gal., \$5.50.

PRATT'S REMEDIES.



PRATT'S POULTRY REGULATOR.

Builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons.

Pratt's is the original Poultry Regulator of America and is in use by the most successful poultry raisers everywhere.

When regularly used, hens lay throughout the year.

It will prevent chicken cholera, gapes, roup, rheumatism, expel worms, prevent leg weakness and egg eating. It will greatly improve turkeys, geese, ducks, pigeons and guineas—insuring quick growth and keep them free from disease.

25 lbs., \$2.50; 12 lbs., \$1.25; 9 lbs., \$1.00; packages, 50c and 25c; 65c and 35c postpaid.

Pratt's Roup Remedy. 25c and 50c postpaid.

White Diarrhoea Remedy. Saves many dollars' worth of little chicks. 25c and 50c, postpaid.

Poultry Disinfectant. Kills disease germs. Qt., 50c; 2 qts., 90c; gal., \$1.50. Not available.

Powdered Lice Killer. 5 ozs., 10c; by mail 15c; 1b., 25c; by mail 30c; 2 1/2 lbs., 50c; by mail 65c.

Condition Tablets. A splendid tonic for run down birds. Prevents colds. 25c, postpaid.

LEE'S REMEDIES.

Lee's Egg Maker, 30c. By mail, 40c.

Lee's Germozone, 65c. Not available.

Lee's Germozone Tablets, 65c, postpaid.

Lee's White Diarrhoea Remedy, 50c, postpaid.

Spiral Leg Bands. Assorted colors, light blue, dark blue, red, pink and black. Two sizes, American and Mediterranean. 12, 20c; 25, 35c; 100, 90c. Postpaid.

Colored Leader Adjustable. Colors of celluloid, pink, red, blue, yellow and green. 12, 40c; 25, 65c; 50, \$1.20; 100, \$2.25, postpaid.

Double Clinch Leg Bands, 12, 20c; 25, 30c; 50, 45c; 100, 75c, postpaid.

Eclipse Leg Bands. Prices, same as Double Clinch.

Smith Sealed Leg Bands, 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50.

Sealers, for Smith Sealed. 60c.

Leader Adjustable Leg Bands, 12, 20c; 25, 30c; 50, 45c; 100, 75c.

Petty Perfect Poultry Punch. For puncturing the web. 25c.

Clipper Punch. 25c, postpaid.

Self-Locking Egg Carton. Locks automatically. Not a parcel post box. 12, 20c; by mail, 25c; 100, \$1.50; 1,000, \$12.50.

Parcel Post Egg Boxes. For safe shipment of eggs by parcel post or express. 1 doz., size: 15c each; by mail, 20c; 12 for \$1.15; 24 for \$2.00. 2 doz. size: 20c each; by mail, 25c; 12 for \$1.60; 24, \$2.80.

Anderson Egg Box. A special parcel post box for fancy eggs. One-sitting (15 eggs), 20c each; by mail, 25c; 12 for \$2.00. Two-sitting: 30c each; by mail, 40c; 12 for \$3.00.

Live Chick Boxes. For sending baby chicks by mail. 25 Chick size, 20c each; by mail, 25c; 12 for \$2.25. 50 chick size, 30c; by mail, 40c; 12 for \$3.00.

Lawn Park Coop. A handsome parking coop that will telescope. Made of galvanized metal throughout, sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies. Price, \$3.50; 6 for \$18.00; 12 for \$35.00.



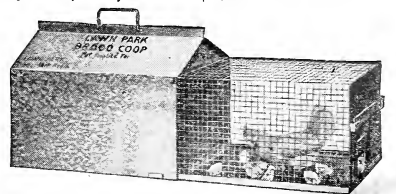
Double Clinch.



Smith Sealed.



Self-Locking Carton.



OLDS' NORTHERN GROWN NURSERY STOCK

For the accommodation of our customers, we offer on these last pages of the catalog a list of the best and hardiest varieties of fruits for the Northwest. Orders will be filled from our Nursery, located in Wisconsin not far from Madison, and the stock sent direct from the Nursery at the proper time for planting.

We guarantee that the stock will be true to name, first class and well packed. 50 Plants of a variety at the hundred rate. 500 at the thousand rate.

STRAWBERRIES.

Our strawberry plants are thrifty, and grown on new land. They will be dug the day your order is shipped.

Prices, except Everbearing, by mail, postpaid: 10, 40c; 100, \$1.15; 1000, \$5.00. By express, not prepaid: 10, 35c; 100, \$1.00; 1000, \$4.50.

Senator Dunlap. Most popular and best all-around variety. The plant is perfect, a rampant runner and very productive. Berries medium to large and very numerous. If you want but one order Dunlap.

Warfield. Medium size, dark red, very firm and a good shipper. Leading market variety. Immensely productive; imperfect plants.

Gandy. Very late; berries are regular, even size and firm. Commands a big price when others are gone.

EVERBEARING STRAWBERRIES.

Prices, by mail: 10, 50c; 100, \$2.90; 1000, \$18.50. By express: 10, 45c; 100, \$2.75; 1000, \$18.00.

Superb. The best everbearing variety. See outside cover. **Americus.** Very popular and a good one; berries all summer until killed by frost; finest flavor.

Progressive. Another wonderful berry that bears from June until October.

RASPBERRIES.

Prices, except Everbearing, by mail: 20c each; 10 for 70c; 100, \$4.25. By express: 15c each; 10 for 60c; 100, \$4.00.

Cumberland. Very productive; fruit enormous; quality unsurpassed. A black cap. The great firmness of the berry makes it a splendid shipper.

Kansas. Jet black, firm and delicious. The hardest black cap known, successfully withstanding the winters.

Columbian. A vigorous grower; canes often ten to fifteen feet in length and over an inch in diameter. Never suckers from the roots. Fruit very large, dark red, bordering on purple.

Cuthbert. (Queen of the Market). Large, conical; deep, rich crimson; excellent quality. A sucker variety.

Golden Queen. Rich golden yellow. Immensely productive; a very strong grower and hardy enough even for extreme northern latitudes.

ST. REGIS EVERBEARING RASPBERRY.

Prices, by mail, 25c each; 10 for 75c; 100, \$4.50. By express, 20c each; 10 for 65c; 100, \$4.25.

This wonderful raspberry marks a new era with this popular fruit. Every garden should have it. Bears continuously from June until killed by frost in October.

(This is exactly the truth. I know because I have them in my own garden.—L. L. O.)

Large, sweet, red berries, of the very best quality. Plant perfectly hardy and a vigorous grower. See back cover.

BLACKBERRIES.

Prices, by mail, 20c each; 10 for 70c; 100, \$4.25. By express, 15c each; 10 for 60c; 100, \$4.00.

Snyder. Hardest and most productive. Best for cold climates. Medium sized fruit.

Eldorado. Berries large, jet black, borne in clusters. Sweet and melting. Most valuable variety.

GOOSEBERRIES.

Prices (except Carrie), by mail: 25c each; 10 for \$1.60; 100 for \$10.25. By express: 20c each; 10 for \$1.50; 100 for \$10.00.

Downing. Most popular and best known. Large greenish white. Plant vigorous.

Houghton's Seedling. A very productive American sort. Fruit of paler color, very sweet.

Carrie. Extremely vigorous and healthy in foliage. Of fine quality and the most productive of all. The berries hang in clusters like grapes on the branches.

Prices of Carrie, by mail: 40c each; 10 for \$2.60; 100, \$15.25. By express, 35c each; 10 for \$2.50; 100, \$15.00.

CURRENTS.

Prices, (except Perfection), by mail: 25c each; 10 for \$1.35; 100 for \$9.25. By express: 20c each; 10 for \$1.25; 100 for \$9.00.

Cherry. Berries sometimes half an inch in diameter. **Pay's Prolific.** The leading market variety. Extra large stems and berries. Very productive.

White Grape. Very large, yellowish white. **Black Victoria.** A strong grower, the largest black.

Perfection. A grand currant, large berry of finest quality; two weeks later than Fay.

Prices, by mail, 30c each; 10 for \$2.10; 100 for \$16.25. By express: 25c each; 10 for \$2.00; 100 for \$16.00.

HARDY GRAPES.

Prices, strong one year vines, except Lucile, by mail 25c each; 10 for \$1.50; 100 for \$10.25. By express: 20c each; 10 for \$1.40; 100 for \$10.00.

Campbell's Early. Berries large, glossy black with purple bloom, sweet and juicy. They ripen from the fifteenth to the last of August.

Concord. The well known standard variety, succeed wherever grapes will grow.

Brighton. Excellent flavor and quality; one of the earliest in ripening.

Delaware. Small, round, skin thin, light red; fleshy very juicy, sweet, spicy and delicious.

Diamond. The leading early white grape.

Moore's Early. Bunch large, berry large, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market. Its hardiness particularly adapts it to Canada and northern portions of the United States.

Pocklington. Large, light golden yellow; juicy, tender sweet, with little pulp. Vine thoroughly hardy.

Worden. A splendid grape of the Concord type, large better quality and earlier. Vine vigorous; hardy and productive.

Lucile. The New Red Grape. Ahead of all others for growth, health, hardiness, productiveness, size and beauty of clusters. We are glad to be able, this season, to offer our customers this wonderful new red grape, as it combines great hardiness, delicious quality and beauty of fruit. Don't fail to have this grape in your garden.

Prices, by mail, 45c each; 10 for \$2.85; 100 for \$22.2. By express: 40c each; 10 for \$2.75; 100 for \$22.00.

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OLDS' NORTHERN GROWN FRUIT TREES

The varieties we offer on this page are carefully selected for adaptability to northern conditions and the stock is northern grown. Do not plant trees grown south. Orders will be filled direct from our Wisconsin Nursery at the proper time for planting.

We guarantee that the stock will be true to name, first class and well packed. Those starred (★) are the hardiest varieties. Large trees, such as we furnish, cannot be sent by mail but must go by express or freight, customers paying transportation.

APPLES.

Prices, all varieties, by express or freight, 4 to 6 foot trees; 40c each; 10 for \$2.75; 100, \$20.00.

SUMMER VARIETIES.

- ★Red Astrachan. Large, beautiful crimson.
- ★Tetofsky. Medium, yellow striped red, fine for eating. The best early summer apple.
- Golden Sweet. Large, pale yellow, tender, sweet.
- ★Yellow Transparent. Earliest. White, tender.
- ★Lowland Raspberry. Clear white, shaded crimson; most beautiful apple. Fruit of quality.
- ★Duchess of Oldenburg. The well known. Best cooker and very productive. Yellow streaked red.

AUTUMN VARIETIES.

- Fall Orange. Fruit large to very large, yellow.
- ★Longfield. A Russian variety and one of the best. Tree a strong grower and annual bearer.
- ★Patten's Greening. Large, round, slightly flattened, yellowish green, sub-acid. Very hardy.
- ★Wolf River. Largest of all, handsome; hardy.
- ★McMahon. Large, round, almost white with faint blush; tree vigorous grower and very hardy.
- ★Dudley, or North Star. Perfectly hardy. Fruit, size and appearance of Duchess, but richer flavor.
- ★Wealthy. Originated in Minnesota. Hardy, vigorous and very productive. Most valuable of all. Good for eating or cooking.
- Okabena. Similar to Duchess but later.

WINTER VARIETIES.

- Ben Davis. Large handsome, striped, valuable. Delicious. Good size, fine quality. Tree hardy. Fine eating. Most popular new variety.
- Golden Russet. Medium, dull russet, rich, juicy.
- Canada Red, or Steel's Red Winter. Popular.
- Gano. An improved Ben Davis; deep dark red.
- Fameuse. (Snow). Medium, deep crimson, flesh white, of best quality. Most popular for eating.
- ★Hibernal. Russian; large showy fruit, striped red.
- Jonathan. Medium, red, extra quality.
- Pewaukee. A hardy winter apple; good grower.
- McIntosh. Medium size, dark red, good quality.
- ★Northwestern Greening. Hardy, of good size.
- Northern Spy. Large, striped, mild, rich flavor.
- Salome. Long keeper, annual bearer, good quality.
- Seek-no-Further. (Westfield). Medium to large, striped; fine grain, tender, rich and excellent.
- ★Tallman Sweet. Yellow, rich. Best sweet.
- Utter. Large, yellow and red; fine quality.
- Windsor. Large, slightly conical, greenish yellow.

CRAB APPLES.

Prices: 4 to 6 foot trees; 40c each; 10 for \$2.75; 100, \$20.00.

- Hyslop. Large, deep crimson; most beautiful.
- ★Florence. Early and bears well. Fruit large.
- ★Sweet Russet. Large, greenish yellow, mild.
- Transcendent. Immensely productive, bright red.
- Whitney. One of the largest, splashed carmine, firm, juicy, pleasant, great bearer. Fine to eat.

PEARS.

Prices: 4 to 6 foot trees; 45c each; 10, \$3.25; 100, \$25.00.

- Bartlett. Large, juicy, great bearer; very popular.
- Clapp's Favorite. Very large, yellow and red.
- Howell. Large, yellow, with red cheek, early bearer.
- Flemish Beauty. Large, juicy, rich; hardiest.
- Seckel. Small, skin rich yellowish brown, with brownish red cheek; sweet, exceedingly juicy.
- Anjou. Large, melting. Best late fall variety.
- Sheldon. Medium size; yellow, richly shaded.
- Keiffer. Its large size and keeping and shipping qualities make it profitable for market.

RUSSIAN APRICOTS.

Prices: 45c each; 10 for \$3.25.

- Superb. The best flavored, most productive, hardy apricot yet produced. Golden yellow.

CHERRIES.

Prices: 4 to 6 foot trees, 45c each; 10 for \$3.25; 00, \$25.00.

- ★Early Richmond. An early variety of extreme hardiness bearing large annual crops. Light to ark red, very juicy.
- English Morello. Large, dark red, juicy; tree dwarf.
- ★Montmorency. Large, bright crimson, very juicy, strong, upright grower, best late variety.

PLUMS.

- Prices: 4 to 6 foot trees, 40c each; 10 for \$3.00; 100, \$25.00.
- German Prune. Large, dark purple, good.
- Lombard. Medium, violet red, the leading market variety.
- Moore's Arctic. Small, purplish-black, immense bearer.
- Reine Claude. (Bavey's Green Gage). Very large, greenish.
- Forest Garden. Very large, purplish-red, sweet and rich.
- Hawkeye. The tree is hardy, thrifty and an annual bearer. Fruit large, of superior quality, very firm and an excellent shipper.
- Surprise. The tree is a strong, upright grower, withstanding the most severe winters without injury. Fruit large, deep red in color.



Typical fruiting branch of Sapa Plum

PROF. HANSEN'S NEW PLUMS.

The most remarkable creations in fruits of the present day. Prices, nice little trees, 50c each; 10 for \$4.50; 100, \$35.00.

- ✓ Opata is a cross between the Sand Cherry and the Gold Plum. Bears the second year; fine quality and as hardy as a willow.

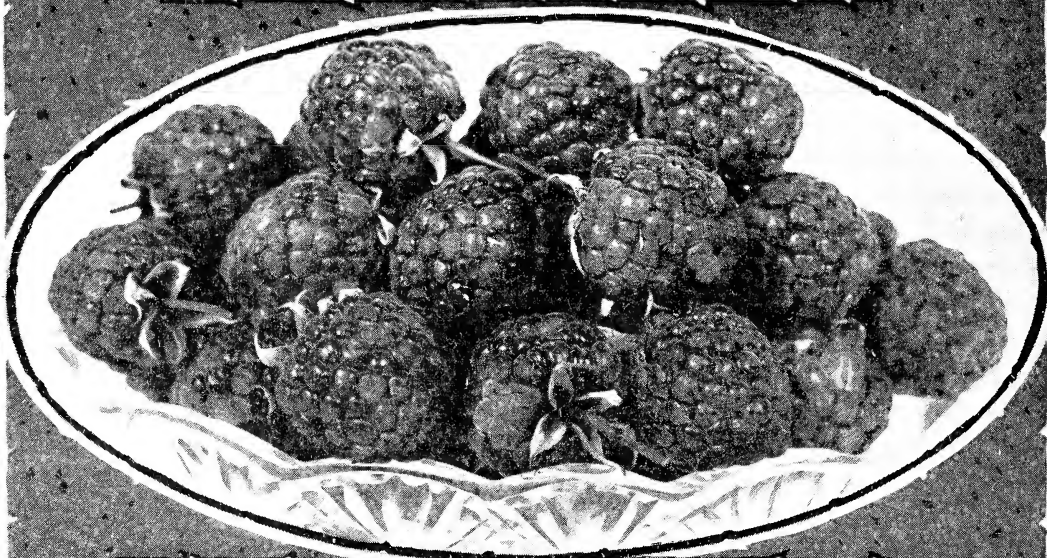
- ✓ Sapa. Much like a large Ox-heart cherry, dark flesh and juice. See illustration. Fine quality. Five-foot trees at three years bear 1 to 1½ bushels, and keep it up. Every home in the country should possess from one to a dozen of these wonderful trees.



SUPERB EVERBEARING STRAWBERRY

A real success. The best of the Everbearing varieties. Large, of finest flavor, juicy and sweet. Begins to bear in June and continues all summer until late fall. Every garden in America should have it.

Strong Plants—By mail: 10, 50c; 100, \$2.90; 1000, \$18.50. By express: 10, 45c; 100, \$2.75; 1000, \$18.00.



ST. REGIS EVERBEARING RASPBERRY

Most valuable introduction of the century in the fruit line. Large luscious red berries of finest flavor. As hardy and easily grown as any raspberry and as productive, and bears all summer long. All our customers ought to have it.

Strong Plants—By mail: 25c each; 10 for 75c; 100, \$4.50. By express: 20c each; 10, 65c; 100, \$4.25.